N. U. ARCHIVE

NORTHWESTERN UNIVERSITY

One Hundred and Fifteenth Annual

COMMENCEMENT

SATURDAY, JUNE 16, 1973

McGaw Memorial Hall, Evanston, Illinois

THE UNIVERSITY HYMN

Hail to Alma Mater!
We will sing thy praise forever;
All thy sons and daughters
Pledge thee victory and honor.
Alma Mater, praise be thine,
May thy name forever shine!
Hail to Purple! Hail to White!
Hail to thee, Northwestern!

Smoking is permitted only in the outer main floor lobby.

THE PROGRAM

PROCESSIONAL

(Audience will please remain seated for the Student and Faculty Processional.)

THE NATIONAL ANTHEM

(The first stanza)

(Audience will please remain standing until the Invocation has been offered.)

INVOCATION

THE REVEREND RALPH G. DUNLOP
University Chaplain

CONFERRING OF HONORARY DEGREES

Citations read by
ROBERT H. STROTZ
President of the University

AWARDING OF DIPLOMAS AND CONFERRING OF DEGREES

JAMES ROSCOE MILLER
Chancellor of the University

DELIVERY OF DIPLOMAS TO DOCTORAL RECIPIENTS

Deans of the Graduate, Medical, Law, Dental, and Music Schools

THE UNIVERSITY HYMN

(Words to the University Hymn are printed inside the front cover.)

BENEDICTION

EDMUND PERRY
Professor, History and Literature of Religions

RECESSIONAL

FACULTY RECESSIONAL *(Graduates and guests will please remain seated.)*
STUDENT RECESSIONAL *(Guests will please remain seated.)*

Parents and guests are respectfully requested to remain in their seats during the entire ceremony. The aisles of the Hall must be kept clear at all times, and those who leave their seats before the close of the ceremony must leave the building immediately through the front lobby.

THE HONORARY DEGREES

LYMAN CREIGHTON CRAIG — DOCTOR OF SCIENCE

Chemist. B.S., Iowa State College, 1928, Ph.D. 1931. National Research Fellow, Johns Hopkins University, 1931-33. Assistant, Department of Chemical Pharmacology, Rockefeller Institute, 1933-37; associate, 1937-45; associate member, 1945-49; member, 1949—. Lasker Award for Basic Science Research, 1963. Fisher Award in Analytical Chemistry, 1965. Member of Harvey Society, National Academy of Sciences, American Academy of Arts and Sciences, American Chemical Society, and other professional organizations. Author of numerous articles in professional publications.

Presented by David Shemin, Professor of Biochemistry, College of Arts and Sciences

STERLING ALLAN BROWN — DOCTOR OF LETTERS

Poet and retired university professor. A.B., Williams College, 1925; A.M., Harvard University, 1930. Taught at Manassas Institute, Virginia Seminary and College, Fisk University, and Lincoln University, before becoming professor of English at Howard University, 1929. Visiting appointments at Vassar College, University of Minnesota, and New York's New School. Editor on Negro affairs for Federal Writers' Project, 1936-39; staff member of Carnegie-Myrdal Study of the Negro in American Life. One of the major figures in the "Harlem Renaissance" of the 1920's and 1930's, and a publishing scholar on the subjects of Negro folklore and Negro stereotypes in American literature. Major works include *Southern Road,* a volume of poetry, 1932; *The Negro in American Fiction,* 1939; *Negro Poetry and Drama,* 1937; and *The Negro Caravan,* 1941.

Presented by Jan R. Carew, Professor of African-American Studies, College of Arts and Sciences

HENRY JACOB FRIENDLY — DOCTOR OF LAWS

Chief Judge of the United States Court of Appeals, 2nd Circuit. A.B., Harvard University, 1923; LL.B., 1927. With law firms of Root, Clark, Buckner and Ballantine, 1928-48; Cleary, Gottlieb, Friendly and Hamilton, 1946-55; director, vice-president and general counsel, Pan American World Airways System, 1946-59; United States Court of Appeals, 2nd Circuit, 1959—; Chief Judge, 1970—. Overseer, Harvard University, 1964-69. Author of *The Federal Administrative Agencies; The Need for Better Definitions of Standards,* 1962; *Benchmarks,* 1967; numerous articles in legal periodicals.

Presented by A. Brunson MacChesney, Professor of Law, School of Law

FAZLUR RAHMAN KHAN — DOCTOR OF SCIENCE

Structural engineer, general partner, Skidmore, Owings & Merrill. Bachelor of Engineering, University of Calcutta, 1950; M.S. in Structural Engineering, University of Illinois, 1952; M.S. in Theoretical and Applied Mechanics, 1955; Ph.D. in Structural Engineering, 1955. Joined Skidmore, Owings & Merrill, 1955; senior designer, 1955; senior project engineer and participating associate, 1961; associate partner, 1966; head of Structural/Civil Division, 1968; general partner, 1970—. Major projects include United States Air Force Academy, University of Illinois Circle Campus, 500 N. Michigan Avenue Building, John Hancock Center, Sears Headquarters Building. Many articles published in professional journals. Membership in several organizations including American Society of Civil Engineers. Fulbright Scholar, 1952; Construction Man of the Year, Engineering News Record, 1966, 1968; Chicagoan of the Year in Architecture and Engineering, 1970; Chicago Civil Engineer of the Year, 1972.

Presented by William S. Kerr, Vice-President and Business Manager

MARY WETTLING Mc GAW — DOCTOR OF HUMANE LETTERS

Philanthropist. Educated at Northwestern University and the University of Nebraska; graduated from Nebraska, 1923. Her benefactions include the Jeanne Vail Chapel, Northwestern University; the chapel, Wooster College; the Mary McGaw Infirmary, Presbyterian Home, Evanston; Andrew C. Vail Professorship of Medicine, Dartmouth Medical School; four professorships, Berea College; two professorships and the McGaw Library, McCormick Theological Seminary; other generous gifts to the National College of Education, Foster G. McGaw Hospital of Loyola University of Chicago, and Northwestern University.

Presented by Mrs. J. Roscoe Miller

MICHAEL LANGHAM — DOCTOR OF FINE ARTS

Theatrical director. Studied at Radley College, Abingdon, 1933-37; London University, 1937-39. Engaged in the theatrical profession since 1946. Director of productions, Arts Council Midland Theatre Company, 1946-48; Sir Barry Jackson's Birmingham Repertory Theatre, 1948-50; Glasgow Citizens Theatre, 1953-54. Artistic director, Stratford (Ontario) Shakespearean Festival, 1955-67; Guthrie Theater, Minneapolis, 1970 to the present.

Presented by Robert I. Schneideman, Professor of Dramatic Production, School of Speech

FOSTER GLENDALE Mc GAW — DOCTOR OF HUMANE LETTERS

Honorary Chairman of the Board, American Hospital Supply Corporation. Founded American Hospital Supply Corporation, 1922. Trustee, Northwestern University, 1950-1969; Life Trustee, 1969—. Honorary Director, First National Bank and Trust Company of Evanston; Trustee, United Presbyterian Church, U.S.A. Active in many civic and philanthropic organizations including Evanston Junior Achievement and Evanston Chamber of Commerce.

Presented by Harry K. DeWitt, Trustee of Northwestern Uiversity

WILBERT JAMES Mc KEACHIE — DOCTOR OF SCIENCE

Educator and psychologist. B.A., Michigan State Normal College, 1942; M.A., University of Michigan, 1946, Ph.D., 1949. Faculty member, University of Michigan, 1946—, professor, 1961—, department chairman, 1962-71. Member and past officer of American Psychological Association, American Association of University Professors (University of Michigan Chapter). Consultant to: U.S. Office of Education, 1964-69; National Institute of Mental Health, 1966-71; Veterans Administration, 1967—. Author and co-author of numerous books and articles including *Undergraduate Curricula in Psychology* and *Psychology.*

Presented by Raymond W. Mack, Vice-President and Dean of Faculties

LOUIS COURTENAY SUDLER — DOCTOR OF FINE ARTS

Baritone and Realtor. A.B., Yale University, 1925. Senior partner, Sudler and Company, Realtors. Leading baritone with Chicago Lyric Opera, 1945-47. Many guest appearances as baritone soloist. Chairman of the Board, The Chicago Orchestral Association. Host of television program, "Artist's Showcase." Director, Upper Avenue Bank; member, Mayor's City Planning Advisory Council; trustee, Illinois Children's Home and Aid Society; trustee, Ravinia Festival Association; member, Northwestern Associates; member, Citizens Committee of the University of Chicago.

Presented by William M. Spencer, Life Trustee of Northwestern University

JERROLD REINACH ZACHARIAS — DOCTOR OF SCIENCE

Physicist and educator. B.A., Columbia University, 1926, M.A., 1927, Ph.D., 1932. Tutor, City College of New York, 1929-30; instructor, Hunter College, 1931-36; assistant professor, 1936-40. Massachusetts Institute of Technology Radiation Laboratory, 1940-44; Los Alamos Scientific Laboratory, 1944-45. Professor of physics, Massachusetts Institute of Technology, 1945-66; professor emeritus, 1966—. Developed first practical atomic clock, 1956. Chairman of Physical Science Study Committee which developed an improved method of teaching physics in American high schools. Oerstad Medal of American Association of Physics Teachers, 1960. Department of Defense Certificate of Appreciation, 1955; President's Certificate of Merit, 1948. Member of National Academy of Sciences; fellow of American Academy of Arts and Sciences; fellow of American Physical Society.

Presented by B. Claude Mathis, Associate Dean, School of Education, and Director for the Teaching Professions

DMITRY DMITRYEVICH SHOSTAKOVICH — DOCTOR OF FINE ARTS

Composer. Studied at the Leningrad Conservatory from 1919 to 1925. Has written music in almost every genre, including ballet, opera, symphonies, preludes, violin concerti, cello concerti, trios, quartets, and music for films. Principal works include "The Nose" (opera), 1930; "Lady Macbeth of Mzenk" (opera), 1934; "The Golden Age" (ballet), 1930; First String Quartet, 1938; Seventh Symphony, written during the Siege of Leningrad, 1941; First Violin Concerto, 1948; First Cello Concerto, 1959; Twelfth String Quartet, 1968; Fifteenth Symphony, 1971. Recipient of the Stalin Prize, Lenin Prize, The Order of Lenin, Gold Medal of the Royal Philharmonic Society.

Presented by Irwin Weil, Professor of Slavic Languages and Literatures, College of Arts and Sciences

PAYSON SIBLEY WILD — DOCTOR OF HUMANE LETTERS

Provost, Northwestern Uiversity. A.B., University of Wisconsin, 1926. A.M., Harvard University, 1927, Ph.D., 1931. Instructor in government, Harvard, 1928-34, assistant professor, 1934-39, associate professor, 1939-46, professor, 1946-49, Associate Dean, Graduate School of Arts and Sciences, 1943-46, Dean, 1946-49. Vice-President and Dean of Faculties, Northwestern University, 1949-69, Provost, 1969-73. Member Phi Beta Kappa, Sigma Delta Chi, American Political Science Association, Council on Foreign Relations, American Academy of Arts and Sciences. Trustee, The Art Institute of Chicago, 1964—. Author of books and articles in the field of international law.

Presented by J. Roscoe Miller, Chancellor

THE DEGREES IN COURSE

The appearance of a name on this list is presumptive evidence of graduation but is not to be regarded as conclusive.

THE COLLEGE OF ARTS AND SCIENCES

Candidates presented by DEAN HANNA H. GRAY

BACHELOR OF ARTS

Harriotte Henderson Aaron
Scott Paul Aarons
Ronald Ray Adee
Peter Anthony Alaimo, Jr.
Carol Elise Albert
Donald Glynn Albertson
John Angelo Alesandrini
Thomas Stern Alexander
Christian Ellsworth Allan
Mark Steven Ament
David Albert Ametrano
Arthur Irvin Anderson
Dean Raymond Anderson
Gail Susan Anderson
Gary John Anderson
Michael Joseph Anderson
Edward Jon Angiuoli
Haig Gary Apoian
Laura Jean Appelman
Eleanor Rankin Applebee
Paul Adrian Aristoff
Edward Arthur Armstrong
Irene Cyl Aronin
Beth Ellen Arvey
Edward Glen Atkin
Helena Pearl Atlas
Jane Melissa Azia
Rolf David Baglien
Alice Bailey
Ellen Brooke Bailey
George Henry Baker
William Sheridan Bakos
Kenneth Paul Balin
Sheila Jean Ballard
James John Banas
Joseph John Barbieri
Robert John Barnes
Andrew Lyon Barnett
William Earl Barnett
Ann Violet Barry
Michael Clay Bartlow
David Robert Bassindale
Michael Bauer
William Richard Bauer
Cynthia Stackhouse Baum
John William Baustert
Mary Ann Beard
Harry Douglas Beaver
Cynthia Frances Beck
Laurie Diane Becker
Kenneth David Beckman
Elliot Craig Beinfest
Stephen Hughes Bell
Ellen Jo Belzer
Sherrie Clarice Benjamin
Joan Ferguson Benton
Charles Edward Berg
Blake Steven Berkson
Mark Niles Berman
Laurent Bermudez
Donald Lintz Bernstein
Jerry Edwin Bertolini
Robert James Best
Raymond George Biknius
Allen Bromley Binder
Keith Daniel Bingham
Thomas Dillon Birge
Gary Edison Birginal
Suzanne Jean Biron
Paul Charles Biwer
William Neill Black
Lois Byrth Blackmore
Gary Michael Blank
Michael William Blaszak
Stephen Hale Block
Charles Frederick Blum
Thomas Edward Board
John Robert Bobay
Jeffrey Charles Bodie
Janice M. Bogen
Donald Clare Bogie
Dianna Willow Bolen
Susan Kearby Bon
Mark Charles Boney
Patricia Ellen Borax
David Andrew Bositis

Glenn David Bouck
Charles Anthony Boyd
John Wells Boyd
William Stephen Bradford
Coleen Mary Brady
Robert Nils Brandin
Cheryl Ann Breitkopf
Mark Brenner
Robert Paul Breno
Diane Jane Briars
Pamela Jean Bridwell
Brian Edward Brouse
Judith Amy Brown
Judith Florence Brown
Mary Elizabeth Brown
Pamela Sue Brown
Shirley Anne Browner
Robert Harry Bruhl
Barbara Cornelia Brunk
Steven Ellsworth Buller
Brenda Fay Burger
David Burry
Anthony Jeffrey Butte
Joseph Karol Bylebyl
John Bartholomew Byrne
Esmeralda Cabrera
Debra Chandler Cado
Barbara Anne Cadwell
Thomas Patrick Cantieri
William Robert Carey
Terry Dean Carlone
James Roy Carlson
Barbara Ann Carr
Sidney Robert Castle
Jon Stuart Castor
Rodney Dean Cavitt
Glenn Eu Chung Chang
Joseph John Charyk
John Walter Chellino
Robert Leon Chessin
Catherine Chott
Frank Louis Cioffi
Michael Richard Clair
Mary Ann Clampett
Jane Bennett Clark
John Raymond Clerkin
Scott Cmiel
Michael Kane Cochran
Kathryn Ann Coffman
Allen Hughes Cogbill
Mark Donald Cohen
Martin Richard Cohen
Stephen Michael Colarelli
Patricia Marie Colbert
Michael Elihu Colby
Douglas Russell Conant
Joseph Thomas Conklin
Pamela Joy Corbin
Ann Marie Corrigan
Wolf William Cowen
Michael Jay Corwin
John Joseph Craig
Charles Wayne Crispin
Larry Allan Crum
Stephen Martin Crusey
William Anthony Curry
Mary Eleanor Cygan
Harry Dai
Kathleen Keefe Dale
Marlene Ruth Dale
John Charles Kennedy Daly
Amy Beth Davidson
Josephine Davis
Katherine Anne Davis
Richard Alan Davis
Charles John Day
John Baldwin Day
Robert Stuart Dean
Algis Bernard Deckys
Maria Martha DelBeccaro
Steven Frank Deli
Susan Kay Vanderberg Dent
Patricia Montes DeOca
Karen Sue Detkin
Kathleen Elizabeth Detzel
Kenneth Daniel Devine
Marilyn Louise Dewey
Daniel Jay De Witt
Thomas Joseph Diamond
Lorane Mittie Dick
Steven Arthur Diedrich
Anne Erb Dietrich
Lionel Victor Digal
Sharon Montgomery Ditmars
Louise Hicks Dixon
Bruce Mark Dominick
Jack Arthur Donenfeld
Wendi Harriet Dozoretz
Lester Warren Droller
Barbara Ann Drumm
David Michael Dybas
Anne Marie Eberhardt
Elaine Ann Marie Eder
Thomas Michael Edfors
Ross Owen Edlund
Glenn Raymond Eklund
Andrew Erik Ekman
Janice Renee Ellenbogen
Karen Ilene Ellentuck
Doreen Kostel Ellis
Peter Michael Epstein
Allyn Kay Eriksen
Colleen Kay Ernst
David George Esquith
Barbara Jean Essex
Kathleen Marie Fagan
Nancy Hope Fairstone
Judi Paula Diamond Falk
Marsha Ann Familaro
Andrew Ambrose Fandre
Frank Joseph Fara
Gail Elizabeth Farr
Donald William Faulkner
Richard Ernest Fausel

Stephen Daniel Joseph Ferrone
Phillip Sam Figa
Robin Christine Findley
Bette Jill Finegold
Beth Fisher
Jane Browning Fitzwilliam
Kathleen Ruth Flaherty
Thomas Bernard Fleeter
Martha Fletcher
Jay Ann Flood
Nancy Alma Flood
James Frederick Foerster
Marjorie Elizabeth Forester
Jonathan Barry Forman
Charles William Foster IV
Steven Freedman
Douglas Wayne Freeman
Alan John Fridlund
Dale Meryl Friedland
Laura Susan Friedland
Paul Martin Friedman
Gerard Ralph Friel
Barbara Lea Frye
Margaret Joan Frossard
Shirley Sachie Fujimoto
Kazuya Fujita
Michael Harold Funk
Robert James Furey
Donna Jean Galassini
Christopher Brian Galvin
Edith Eileen Lorraine Gardner
Laurie Jean Gardner
Benjamin Peter Garneau
Joan Garrison
Paul Robert Gary, Jr.
David Bruce Gaynon
George Norris Gaynor
Sharon Ann Gazdzik
Shirley Jean Gedeon
Judith Ware Gee
Brian Charles Gendreau
Stephen George George
John Patrick Gerhold
Mary Frances Gerken
Christine McGuire Gertner
Suzanne Shepard Getzoff
Christina Gika
Jeffrey Bensley Gilbert
John Thomas Gilbert
David Morris Glantz
Karen Helen Glinert
Patricia Erin Glynn
Thomas Adams Godwin
Eugene Martin Goldberg
Larry Joel Goldberg
Michele Golodetz
Steven Barry Goldstein
Christian-Albrecht Gollub
Novella Yvonne Gordon
Dorothy Rae Graham
Valerie Ann Grant
Victoria Munro Grant
Ralph Douglas Greco
John Gregory Greene
Mark David Greenfield
Ronald David Greenwald
Gregg Nelson Grimsley
John William Grinney
Lawrence Edward Grisham
Marianne Grogan
Linda Sue Grossman
Peter Gregg Grossman
Michael Edwin Grueschow
Mark Edward Grummer
Olimpia Amalia Guerriero
Elissa Maria Guiducci
Raymond Lindsley Haines, Jr.
Deborah Rhea Hall
Kevin Stuart Halstuk
Kenneth Arthur Halverson, Jr.
Holly Marie Handbury
Kathy Jane Hank
Andrew Edwin Hano
Robert Howard Hansen
Dawn Eiko Hanzawa
Linda Sue Hanzel
Douglas Mark Hardy
Jessica Dowson Harper
Denise Renee Harris
Mattie Estelle Harris
Keith John Hartl
David Gene Hartman
Mark Demetri Hassakis
Mary Ellen Hastings
Stephen Grant Havenstrite
Richard Allen Hay, Jr.
Michael Joseph Healey
John Harold Heaney
Alan Harvey Hecht
Scott Randall Heckman
Keith Jon Heitmann
Elise Anne Held
Harvey Helfer
Darcy Jo Heller
Robert Michael Heller
Charles Raphael Henderson
Susan Lynne Hendricks
Susan Kathryn Herlin
Elliot Joseph Herman
Jay Neil Herman
Robert Marc Herman
William Joseph Herrick
Bickley Bauer Hetzler
Robert Koch Heuchling
Timothy Norbert Heuel
Susan Lee Hiestand
Laurence Patrick Higgins
David Campbell Hill
Steven Katsumi Hisaka
Linda Fern Hobson
Christine Dobbins Hoffman
Barbara Ann Hojnicki
William Peter Hollerich
Janet Lynne Hollister

Steven Robert Horn
Michael Gordon Horner
Elias James Horowitz
Robert James Hoshizaki
Craig Robert Hoskins
Susan Diane Howser
Ann Eileen Hullihan
Sally Jane Humberstone
Jon Cowell Hunt
Lynn Schreiner Hunt
Bonnie Lee Hunter
Cynthia Keene Hurley
John Steven Hurley
Patricia Ann Hutchings
Richard Norval Indritz
Nancy Kay Inele
Steven David Inz
Barbara Sue Isaacs
Paul Alfred Iwanski
Dorothy Jean Jackson
Douglas Knaub Jackson
Hattie Louise Jackson
Carolyn Louise Jahn
Deborah Ann Jalowiec
Hilary Ann James
Richard Alan Janis
Ann Elizabeth Jarmusch
Carol Anne Jeffers
Kent Douglas Jensen
Howard Alan Jess
Carolyn Gwen Johnson
Deborah Jane Johnson
Jeffrey Franklin Johnson
Jennifer Lois Johnson
John Ray Johnson
Paul Karl Johnson
Rebecca Lynn Johnson
Ronald Sanders Johnson
Vicky Orlinda Johnson
Cheryl Deborah Jolly
Robert William Jones
Susan Patricia Jordan
Julie Jay Jovita
Mona Kahn
Patricia Ann Kampmeier
Laurence Dean Kanter
Katharine Anne Kappauf
Jurgis Karuza, Jr.
Terrell Michael Kashner
Fred Michael Katz
Elizabeth Ann Kaye
Maureen Joy Keene
Karen Lee Kelleher
Nora Ellen Kelleher
Brenton Michael Kelley
Janet Heidrich Kelley
Marion Macbeth Kelley
Catherine Quinlan Kelly
John Henry Kelly III
John Michael Kelly
Karen Kay Kempin
Paul Melvin Kent
Simon Julian Kershaw
Christie Caroline Kirst
Frederick Otto Kist
Martin Keith Kittaka
Joel Kevin Klekamp
Natalie Mary Klemek
Sigmond Howard Kline
Gayle Louise Vavrichek Klouda
Steven Gerard Klug
Douglas William Kmiec
Janice Ann Knight
Michael Philip Knisley
Leo William Kocher
Carol Sue Kodis
Elene Margot Kolb
Karen Sue Kolba
Bruce Kevin Koren
Debra Noree Korshak
Kathi Laura Koslow
William David Kosnik
George Frank Krause
Pamela May Kreml
Susan Ann Krueger
Barbara Ellen Kubinski
Orisha Agatha Kulick
Hart Alan Kuller
Craig Richard LaFollette
Kathy Jay Laganella
Amy Risa Land
Allyn Beth Landau
Amy Rose Langer
Lauren Margaret LaPlante
Donna Louise Larrabee
Ines Kristina Lauva
Laurette Lizbeth Lech
Mary Han Lee
Lewis Andrew Lefko
Robert Weil Lehner
David Stuart Lennon
Carol Lea Leonhardt
David Joseph Lerner
Kong-Cheong (John) Leung
Adrienne Marie Levatino
Barry Mark Levine
Paul Howard Levinson
Lawrence Joseph Lewandowski
Jeri Lewine
Gary Russell Lewis
Mary Melissa Lewis
David Simon Lickerman
Stephen Farrell Lieberman
Fredric Neil Lief
James Theodore Lindquist
Patricia Ann Lindquist
Bruce Jay Lipstein
Bronna Jane Lipton
Irene Cecile Duhart Long
Kathleen Rae Long
Carolyn Orser Lucas
James Random Lundeen
John Casmir Lyskowski
George Roman Lytwynyshyn
Margaret Anne MacDonald
Deborah Lee Mack

Christopher King Madison
Rodolfo Gregory Madlang
James Edward Maloblocki
Scott Owen Manchester
Anthony Manno
Teresa Jean Marchant
Reuben Margoliash
Terrence Michael Marshall
Joseph Vinson Martin
Edward Chester Martinek
Glenn Kiyoshi Masukawa
Glen Alan Mathes
Craig Jay Matheson
Elizabeth Matthiessen
Joan Rebecca Mayer
Robert John Mayer
Laura Marie McCall
James Craig McCann
Brian James McCollam
Martin Kenneth McGann
Robert Joseph McGorrin, Jr.
Carol Marie McGowan
Ryan Francis McKendrick
Patricia McLaughlin
Stephen Jay McMullen
Kendra Shawne McNally
Brian Marshall Melnick
Scott Morris Mendel
Michael Eugene Meriwether
Drake David Mertes
Mark David Mestel
Dennis Dale Meyer
Jan Julius Mezyk
Patricia Ellen Michaels
Lee Stanley Miller, Jr.
Stephen Lee Miller
Jeffrey Norman Mina
Rory Noel Minck
Robert Lawrence Mink
Lawrence Eugene Mishler
Carol Suzanne Mitchell
Mary-Lynn Mitchell
Dennis Michael Mollan
Michael Allen Monts
Stephen Christopher Moore
Donald Joseph Moran
Edward Griggs Morgan
Timothy Ross Morgan
John Munson Morris III
Roberta Petrisky Morse
Stephen James Moss
Theodore Lee Moss
Ted Moulos
Emil Michael Msall
Janet Lynn Murley
Karen Jeanne Murrill
James Tolman Myres
Veronika Rose Nagelbach
Gordon Masato Nakano
Stephen Makoto Naruto
Gregg Stiefel Neiman
David Scott Nemer
Carol Marie Nero
Benjamin Scifres Nethercot
Paul Howard Neville
Jeffrey John Newlin
Peter Alan Newman
Steven Robert Newman
Alvin Newton
Charles Walter Newton
Pamela Helen Niarchos
John Elsner Nickel
Matthew Gerard Niemiera
Margaret Jane Nightingale
David Richard Nissen
Wayne John Nixon
Jerry Lewis Norah
Karyl Music Norcross
Angela Ruth Novak
Patricia Joan Novak
Ronald Henry Nowaczyk
Robert Alan Nudelman
Michele Louise Odorizzi
Timothy Edward O'Grady
Andrew Maynard Oman
Clifford Cecil Oneal, Jr.
Loretta Ann Opila
Jean Louise Oppenheimer
Deborah Jean Ottsen
Louise Ann Pacholik
James Paul Pajcic
Susan Cahill Pappas
Norman Michael Parrett
Burley Alphonso Patterson
Peggy Elizabeth Patterson
Dessa Gay Paulson
Bruce David Paynter
Richard Pazdur
Thea Marie Anne Pazen
Lynda Lotstein Pearson
John Burton Pelling
Susanne Myra Pelly
Richard Russell Perlman
Gail Ellen Perlow
Edmund Stephen Perry
Cynthia Peters
Jennifer Peters
Charles Robert Petesch
George Dean Phelus
Lucian Vincent Piane
Kathy Marie Pinchot
Keith Richard Piontek
Emily Dembsky Politzer
Philip James Poon
John Joseph Popik
Jeffrey Howard Port
Jay Howard Post
Nancie Elaine Poulos
Sally Adele Powers
George Michael Pressley
Cathy Helen Scanlon Pringle
Deborah Lynne Purmort
Paul Joseph Radomski
Talmage Joseph Raine
Datu E. Ramel
John Marshall Randolph

Michael Dennis Rauen
Stephen Joseph Rauen
Anthony Gintaras Razma
Robin Linda Redner
Charles Stephan Reichardt
Steven Peter Rempas
Nancy Carol Ostroot Rich
Robert Alan Riessen
Albert Jerome Rigoni
Carol Joy Robinson
Connie Maloney Robinson
John Michael Rogers
Robert Richard Rohm
Ronald Leigh Romanik
Jo Ann Rosenbaum
Michael Jay Rosenberg
Barbara Reiner Rosenblum
Renee Cela Rosenman
Kenneth Mark Rosenzweig
Alfred E. Roseroot
Dennis Arnold Rotman
Deborah Jane Rowe
Deborah Louise Roxburgh
Kathleen Ann Roy
James Jay Rubens
Gary Vincent Rubin
Robert Rubin
George Rudawsky
Steven Richard Ruderman
Robin Jill Ruge
Catherine Mary Ruggie
Roger Glen Rulong, Jr.
Sharon Leslie Rutenberg
Marcia Katherine Rybicki
Marc Herman Ryby
Rodney Aaron Ryder
Thomas Howard Ryerson
Elizabeth Anne Saar
Joseph Lee Sachen
William Edward Sagan
Benita A. Sakin
Daniel Rene Salomon
Richard Steven Salwen
Madeline Sanders
Maryiam Sanii
William Raymond Sayre
John William Sayward, Jr.
William Alexis Schlossman, Jr.
Kim Richard Schlytter
Robert Edward Schmus
Philip Elbert Schoech
Renee Marsha Schoenberg
Rick Merrill Schoenfield
Robert Donald Scholz
Margaret Ann Schorsch
Paula Rae Schoultz
Sally Anne Schreiner
Stephen Arthur Schuller
George Rogers Schultz
Marguerite Mary Schumann
Deborah Schwartz
Deborah Holdstein Schwartz
Thomas Michael Scolaro
Susan Jean Scown
Martha Leona Seawood
Robert A. Seefeld
Stephen Alan Seifert
Charles Lawrence Selby
Barbara Ann Selemon
Ronald Steven Sellke
Anita Louise Senese
Cynthia Louise Sharp
Robert Lee Shawke
Marybeth Lake Shepard
Thomas McDougal Sherouse
Jeffrey Glen Shrader
David Jay Shulan
Donald Mark Sibley
John Alan Silberman
Henry Rupert Silverman III
Cathy Lee Simmons
Michael Sitcov
Jarema John Skirnyk
Marilyn Patricia Skony
Robert James Sleyko
Sidney Evans Slye
James David Smit
Donald Stewart Smith
Drew Gerry Smith
Madeleine Teresa Smith
Sue Miedema Smith
Gary Michael Smoczynski
Sheilda Jerene Sneed
Harold Edwin Snow
Christopher Hickok Snyder
Thelma Snyder
Todd Marland Somers
Sara Jane Sonet
Rene Alberto Sotorrio
David John Spence
William Hal Stadtwald
Nancy Lora Staisey
Victor Albert Stajduhar
Avrahm David Stampfer
Mark Culbert Stanley
Cathy Jane Stanton
Jo Anne Rae Stark
Mark Moshe Stavsky
Henriette Clotilde Stegemeier
Michael Joseph Steinken
Judith Ann Stepanovic
Mary Scott Stewart
Steven Scott Stone
Donald Wayne Stout
John Ansel Strauss
Steven Charles Strauss
Jay Lester Strongwater
Deborah Anne Storms
William Joseph Sullivan
Carol Sue Sumner
Richard Walker Sund
Philip Arthur Sussman
Sharen Sue Swartz
Eileen Patricia Sweeney
John Forest Sweet, Jr.
Roger Allan Szafranski

Paul Hamilton Tate
Evelyn Mae Tenenbaum
Marvin Alan Tenenbaum
David Robert Terrill
Michael Rocco Teta, Jr.
James Henry Thiel
Lynne Marie Thomas
Henry Michael Thompson
Ronald Steven Thompson
John Andrew Thomson
Sheilah Langford Thorn
Elaine Katherine Tick
James Edward Tinen, Jr.
Russell Gary Tisman
Diane Marie Tkach
Mina Sharon Tobin
Catherine Marie Tomera
William Eugene Totsch
William Hardman Towler
Alice Bowgee Toy
Rita Lynne Tresley
Christ Theodore Troupis
Lynne Ellen Troyanowski
Pulcheria Themistokles Tsaoussis
Nicholas Francis Tsourmas
Anna Avra Tzakis
Donna Fern Udin
Robert Lynn Urata
Arvydas Marcelius Valenta
Mary Embury Vanosenbruggen
John Heath Vaughan, Jr.
Jonathan Vegosen
Laurel Margaret Veith
Kathleen Marie Vernon
Dennis Charles Viehland
Daniel Joseph Voet
Suzanne Bernice Waddy
Linnea Augusta Walch
Kathryn Lynn Walker
Douglas Bernard Walksler
Robert Frank Wall
Daniel David Waloga
Janet R. Wanderman
Cassandra Lee Wanzo
William Edward Warmuth
Margo Honey Warnholtz
Anusch Warutian
Arthur Jerome Washington III
Lorna Elaine Watson
Richard Michael Weedman
Rex Weil
Marvin Lee Weinberg
Robert Harold Weiner
Bruce Howard Weinstein
Gary Alan Weintraub
Aaron David Weiss
Bruce Howard Weitzman
David Michael Welch
Maureen Catherine Weldon
Robert Hall Wellington
Judith Ann Welte
Barbara Anne Wenzel
Bernard Julius Wenzel
Pamela Mesirow Weston
Gale Whedon
Jack Duane White, Jr.
Sandra Elizabeth Wick
Glenn Norbert Wiemer
Ruth Ann Wienclaw
Diane Shirley Wienstroer
Melvin Williams
Susan Kay Willingham
Rudolph Willis
Alan Murray Wilson
David Gene Wilson
Linda Lou Wilson
Robert Stratford Wilson
Mary Catherine Wiltse
Patricia Louise Winfrey
Judith Ann Wingerd
Michael Wise
Robert John Witt, Jr.
Lise Ann Wohlert
James Chin Wong
Kenneth Kwock Poy Wong
Wendell Pak-Young Wong
Robert Paul Woods
Samuel Fiske Wright
James Allen Wyban
Steven Herbert Wyckoff
Max Richard Yaffe
Dean Takao Yamaguchi
Dean Andrew Yannias
Timothy Svoboda Yeh
Susan Erica Yohalem
Maynard Harry Yost, Jr.
Bruce Younger
Michael Robert Zadny
Rosanne Adele Zambrow
Philip Bertram Zazove
Steven Jay Zelman
Dan Louis Zimbroff
Randy Ray Zimmerman
Gregory Jay Strunk
Michael Joseph Sullivan

BACHELOR OF PHILOSOPHY

Velta Rolle Auzans
Helene Dorothy Bak
George Peter Becker
Joyce Lynell Beall Briskin
Lyle George Burgett III
Walter Wyitt Carlile
Judith Lee Christian
Ann Cook
John William Cookus
Ann Rita De Lany
Byron Sherman Dunham
Michael Jeffrey Esses
Wayne Lee Forrester
Kathryn Marie Frostic
Eve Heffer
Ellen Vaughan Howe
John Charles Jacoby
Geraldine Gay Kabak
Margaret Mary Kessler
Kenneth Thomas Krispin
Marcia Kempe Larson
Frances Christine Lupardus
Frances Marzec
Phyllis Jean Miller
Calvin Montgomery, Sr.
Margarette Lucy Morgan
Keith Douglas Munro
Karl Franz Nagler
Charles Kenneth Nelson
Coralie Jane Norwell
Martha Flores Olson
Heather Lynn Peters
Jan Schoonover Peterson
Teinya C. Prusinski
Eugene Raymond Quinn
Katherine Alice Reddick
Joseph Valerian Rehak, Jr.
Robert Roteman
Patricia Anne Rush
Judith Puistonen Sawyier
Arnold Leonard Siegel
Lorraine Hicks Smith
Susan Lee Smith
Joanne Spark
Judith Ann Starkey
Barbara Irene Stuark
Elaine Ruth Swanson
Katarina Szego
Johnson Willie Torrey
Patricia Banahan Varga
Olga Waniuk
James Scott Wead
Ellen Beach Weinress
Virginia Harriet Wisniewski
William John Zeman

BACHELOR OF SCIENCE IN GENERAL EDUCATION

Sylvia Babbin
C. Lester Birdwell
Dwight Raymond Erskine II
Larry Gene Klotz
Frank Raymond Lynch
Don Raymond Marshall
Ronald Robert Nosko
James Allan Parker
Vincent Jake Paslaski
Dennis John Petrie
David Harold Poirier
Daniel Clarence Rogalski
Robert Stuart Shawvan
Joseph Michael Sottosanto
Kenneth Maurice Stewart

THE SCHOOL OF MEDICINE

Candidates presented by DEAN JAMES E. ECKENHOFF

DOCTOR OF MEDICINE

John Howard Ahrendt
Arvin Herbert Alexander
Dale Philip Anderson
Robert John Anderson
Dennis Lee Avner
Edita Gusty Bacal
Steven Ban
Cynthia Elaine Battiste
Linton Tuller Bayless, Jr.
William Ira Bensinger

Bruce Howard Berget
Barbara Muriel Bishop
Ann Ethelyn Blakely
John George Boras
Clark Henry Boren, Jr.
Jeanne Ellen Bullock
Barbara Kay Burton
Roy Thomas Butera
Shanklin Boyd Cannon II
Kathryn Lynn Cates
Edward Albert Cefala
Joseph Edward Chase
John Hane Christopherson
Dale Carlton Clark
Jay Arthur Cohen
Charles Conger
Michael Stanley Conjalka
Peggy Sue Crawford
Joseph Jean Charles Degioanni
William Samuel Fagman
William Harold Fiegenschuh, Jr.
William Rogers Flinn
Jeffrey Earl Froehlich
Pedro Ignacio García
Daniel Gardner
Michael James Geitz
Steven Mark Golbus
Alfredo Angel Gonzalez
Leo Arthur Gordon
William Robert Green
Thomas Jeffrey Griggs
Walter Ramon Grobelny, Jr.
Daniel Frank Grum
Conrad Holmes Gumbart
Daniel Morrison Hall
Wilson Hoover Hartz III
Richard Paul Hayes
Frank Ronald Hetrick
Sam Ung Ho
Gordon Charles Hunt, Jr.
Glen Ray Hyland
Lynn James Hyland
Charles Robert Ingram
Thomas Burton Jackson
Wayne Elliot Jakes
Steven Folke Johnson
James Patrick Kelly
Ken Stephen Khuans
Dukee Kim
Joel Michael Kosinski
Patricia Ann Larson
Gregory Lee Lauver
Christopher Elliot Lee
Darrell John Leier
Craig Jann Leong
Barry Lester Levin
Ralph Levitt
William Carl Loos
John Philip Loventhal
David Adair Luthy
Lawrence Henry Luy
Douglas Alan Marcus
Anthony Mario Marinelli
Mary Ann Mazur
Michael Thomas Mazur
Philip Kirk McCullough
Mark Scheer McGowan
Richard Thomas McMahon
Daniel Lang Meges
Jonathan Ray Merrill
James Allen Metcalf
Donald George Miller
Michael Mehrzad Mohandessan
David Jack Morris
Arthur Joseph Murphy III
Melinda Lenore Myers
Lennard Albert Nadalo
JoAnne Claire Nelson
Charles Nunnery
Oscar Pakier
Bernard Carl Pecaro
David Fraser Peck
Susan Gwen Perlman
Ronald John Peterson
John Shearer Poser
Roger Alan Potish
Laurel Clinton Preheim
Mark Alfred Rauter
Creighton Martin Rawlings
Richard Randall Ricketts
Mitchell Ayers Rinek
William Patrick Robinson, Jr.
James George Scanlan
Michael Schmerler
George Philip Schmid
Steven Lee Schneider
Chester Fredrick Schott
E Thomas Sersland
Joseph Christopher Shank
Mark Lane Stilphen
Loren Clifford Stolle
Frederick Joseph Stone
Francis Chi-Shing Sun
Richard Allan Swanson
Raymond Taetle
Joseph Lane Tanner
Donald Edward Thieman
Dale Herman Van Kirk
Tryg Martin Velde
Paul Robert Webber
Virginia Carol Fiedler-Weiss
Philip Norman West
William Teneré Williams
Janice Mary Wnek
Kenneth Alan Wolkoff
Howard Randal Woodward
William Donald Woodward
Paul Louis Wright
Richard Wayne Zalar

BACHELOR OF SCIENCE IN MEDICINE

William Arthur Adair III
Martin Lee Block
Bernard Michael Branson
George B. Bren
Steven Robert Dieterich
Elliot Lee Frankenstein
Henry Robert Gross
Mark Jeffrey Kupersmith
Roland Adam Levandowski
Frederick George Locher
Michael Thomas Lotze
Mark Olin Loveless
John Robert Lumpkin
Teresa Ann Lupa
James Patrick Mazzulla
Victor Neal Meltzer
Gary Philip Miller
William Barrie Miller, Jr.
Robert Milton Pallay
Marvin S. Peiken
Roy Jon Peppard
Gilla Prizant
Robert Charles Rankin
Barry Allan Scherr
Jackson Willard Snyder
Stephen Michael Stahl
Darcel Dawn Sue
Jean Szilva
James Harmon Utley
Robert LeGrand Van Uitert
Rita Alfreda Vileisis
Joseph Alan Walder
Charlotte Shawing Yeh

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Lynnette Marie Cavalier
Rosemary Agnes Glasenhardt
Joanne Mary Leahy
Clement Ming Ng
Patricia Ann Nowak
Patty Jean Oltmanns
Marianne Julia Parker
Sharon Ellen Stuart
Jean Louise Sylvester
Donna Johnson Willeumier
Doreen Wan-Hoi Yu

BACHELOR OF SCIENCE IN PHYSICAL THERAPY

Karen K. Blackwell
Maureen Gail Fogel
Kathy Lynelle Johnson
Susan Danforth Kennicott
Elaine Margit Martinson
Brenda Lou Mattson
Janet Gayle Peters
Faye Helen Dulcy
Sylvia Tkalitch

THE SCHOOL OF LAW

Candidates presented by DEAN JAMES A. RAHL

MASTER OF LAWS

Hans-Joachim Holzapfel

JURIS DOCTOR

Thomas Lawrence Aldrich
Gregory Stewart Alexander
Roosevelt Maurice Alexander
Alan Wadsworth Applebee
Vincent Michael Aquilino
Robert Charles Archer
Edward Burke Arnolds
George John Barry

James Hubert Baxter III
Patrick Strong Berdge
Nancy Tyler Bernstine
Charles Richard Berry
John Thomas Blanchard
Christopher Wayne Bohlen
Leon Bordelon III
Robert Charles Boruchowitz
Jeffrey Ashburn Bosse
Craig Troupe Boyd
John Francis Brennan
John Andrew Breviu
George Ross Bridgman
Stephen Young Brodhay
Gerald Buchwald
Robert Kyle Burgess
John Craig Busey
John Matthew Carroll
Alan Eugene Case
Robert Hal Chandler
Richard Michael Chanzit
Gary Severe Cole
David Jeffrey Corcoran
Richard Alan Crane
Neil Cross
Robert Chester Cudek
Philip Edgerton Cutler
John Paul Dailey
John Dean
Curtis Leonard DeClue
Alan Peabody Donaldson
Ralph Sperry Eads
Ruth Cheris Edelson
Nathan Philip Eimer
Michael Robert Epton
Arlene Erlebacher
Patrick Douglas Ertel
Jerry Ernest Felsenthal
Robert Edward Field II
Thomas Michael Fink
Scott Morris Fisher
John Joseph Foley
Anne Leola Fredd
Craig Frederickson
Frederic Gale Friedman
Everardo Garcia
Susan Kathryn Gauvey
Dennis Michael Glynn
Joel Goldman
Andrew Scott Gordon
David Jude Thaddeus Goss
Paul Joseph Graf
Gerald Wayne Grandey
Maryon Louise Gray
Thomas Michael Greenberg
Robert Jay Greenwald
Harvey Michael Grossman
Zane Oliver Gresham
Ray Joseph Grzebielski
Rosemarie Jeanne Guadnolo
Murray Jay Hartzberg
Patricia Louise Hatfield
Ronald Hindin
Walter Haskell Hinton II
Austin Hirsch
Ronald Hoenig
Stephen Paul Horvat, Jr.
Peter Mason Howard
Helga Eliesabeth Huber
Ralph Hubley III
Mary Elizabeth Hurwith
Robert Stuart Hurwitz
Harley Hutchins
Gayle Ann Jackson
Fruman Jacobson
Anne Margaret John
Sidney Arlington Jones III
Arthur Sherman Kallow
William Harry Kampenga
Ronald Eugene Kennedy
Gary Enrico Kerr
Bruce Kirkpatrick
Maurice Knaizer
Michael Bradley Krivacek
Judith Ellen Kuhn
Michael Ira Kurtz
Paul Albright Landefeld
John Bartlett Lashbrook
Robert Richard LeGros
Susan Packard LeGros
Augustine Leone, Jr.
Patrick John Leston
Ellis Bernard Levin
Cary Alan Lind
Emil Lippe, Jr.
James Frederick Lischer, Jr.
Paul Turner Lively
David James Lloyd
Richard Herbert Lloyd
Michael Gregory Logan
Peter Bradley Loughman
Jeremy David Margolis
James Landis Martin
Keith Craig McDole
Thomas Floyd McGhee
William Gordon McMaster, Jr.
James Hile McTurnan
Randolph Alan Meyer
William James Mosley
Edward Bruno Mueller
Robin Ghezzi Munden
Grady Baker Murdock, Jr.
David Edward Muschler
Peter Frank Nardulli
John Dean Nicholson
Dennis Michael O'Keefe
Robert Thad Opal
Deborah Jean Palmer
James Robert Paschall
Paula Lois Paster
Charles John Pesek
John David Radd
Robert Dennis Rasor
Timothy Joseph Reuland

David Mark Rosenthal
Mary Katherine Royer
Michael Roland Saeger
Scott Howard Sanger
Gregory Schlesinger
Stuart Randall Schwartz
Michael Thomas Sciorra
Jeanne Ellen Scott
Neil Seltz
Sarah Shidler
Ted Sikora II
Paul Robert Simpson
Daniel Kevin Sinclair
Anthes Jeffrey Smith
Robert Clyde Snashall, Jr.
Edward Henry Soderstrom II
Robert Noel Sodikoff
Frank Eugene Stachyra
Zachary Lee Stanger
Kenneth Stuart Starkey, Jr.
Nina Gidden Stillman
Floye Sumida
Paul Joel Sussman
Jack Samuel Tenenbaum
Carol Rieger Thigpen
Ann Caroline Tighe
Harry King Tressel
Edmond Glenn Tucker
Charlotte Uram
Robert Jay Uram
James Richard Vassilos
Lawrence David Walker
Stephen Edward Walter
William Saunders Weismann
Barry White
William Paul Wilen
James David Winship
Raphael Edward Yalden II
Jane Louise York
Timothy Robert Young
Jeanne Zammataro

THE SCHOOL OF SPEECH

Candidates presented by DEAN ROY V. WOOD

BACHELOR OF SCIENCE IN SPEECH

John Robert Agress
Catherine Ann Amidei
Susan Arden
Arthur Paul Arndt, Jr.
Glenna Flo Attebery
Debra Ann Aylward
James Arthur Backstrom, Jr.
Charles Alan Bailey
Fred Roy Banta
Michael Andrew Barnhart
Glen Cameron Becker
John Lee Birks
Richard Murray Block
Jerome David Bloom
Rona Suzanne Bostic
David Christian Brackman
William Dexter Bramhall
Paul Brayan
Nancy Claire Bredar
Laura Lee Hotz Breidenbach
Leslie Kathryn Browne
Glenda Lee Bunyard
Karen Sue Burket
Paula Marie Cadogan
Joel Martin Cahn
Eileen Cordella Cherry
Thomas John Chiakulas
Charleen Mercedes Chiney
Stephen Alan Cohen
Holly Lei Cole
David Karl Collins
Lawrence James Comstock
Martha Cook
Christopher Robert Corbett
John Ingram Coulter
George Tynan Crowley, Jr.
Douglas Reid Curtis
James Bruce Danziger
Kevin William Dawson
Robert Frank Dekas
Alexandre de Lesseps
Charles Dennis Derry
Anne Victoria DeShazo
David Marc Drew
Randall William Easterbrook
Debra Ann Ehrhardt
Sanford Frank Elias
Robert Tothill Ellsworth III
Julie Ann Esrock
Mary Michele Ettel

Michael Edward Fayette
James Gordon Fentin
Joseph Patrick Folger
Jerald Norman Fritz
Kristine Ann Gast
Carolyn Marie Giacomin
Carol Ann Gigliotti
Judith Marian Glass
Jane Susan Goldberg
Judith Ann Goodman
Jane Brana Gottlieb
Dorothy Judith Granat
Vicki Ann Gusack
Margo Annette Hadraba
Virginia Jaime Hamlin
Kurt Rosborough Hansen
John Allen Hartz
Delia Elizabeth Hattendorf
Beverly Jane Henderson
Elizabeth Margaret Herlihy
Carl Ray Hickman II
James Alan Hiller
Elizabeth Mae Holding
James Thomas Holland
Gayle Audrell Holley
Kathleen Gayle Holmes
Donna Colette Hutchings
Donald C. Johnson
Margaret Jean Johnson
Walter Douglas Jones
Martha Annexton Karatz
William H. Karnowsky
Michael Jay Katz
Brian Joseph Kenefick
Lisa Jane Kephart
Patricia Helen Kerwin
William Garry Kirkwood
Leslie Alan Koll
Wayne Lee Kost
Deanna Lynn Gethner La Cerra
Gregory Alan Lambert
Michael Lewis Laskin
Thomas Francis Lenane
Martin Kent Levin
Kathryn Ann Lewis
Kay Elizabeth Levy
Steven Neil Lipkin
Cynthia Jean Long
Paul Arthur Lundberg
Charlotte Maria Luporini
Barbara Anne Majors
Linda Rae Mandel
Robert Jay Markman
Patricia Ann Martinak
Janet Adams Matson
Judith Mayer
Deborah Louise McBride
Michael Francis McCormick
Phyllis Elaine McGrady
Patricia Jean McKenny
Bruce Edward McManus
Juliet Ann Melamid
Maria Mellas
Sharon Ann Melnyk
Carla Marguerite Merriman
Susan Gay Hydrick Middleton
Harriet Mintzer
Gregory Ernest Monaco
Anne Michelle Morgan
Michael Jacob Murschel
Jeffrey Robert Myers
Jan Leslie Nadel
James Phillip Naughton
Henry Leopold Neuberger III
Lisa Ann Newman
Maria Nicoletti
Rita Ann Nowak
Norman Harvey Nusbaum
Kenneth David Ollweiler
Margery Ellen Oppenheimer
Jill Susan Osby
Marie Jose Paris
John Robert Peaslee
Adrienne Roberta Perry
Alvin Boddie Perry
Tamara Lee Pierce
Lisa Caren Polakoff
Ruth Estelle Pollock
Andrea Polotowsky
Lillian Miriam Polus
Kim Edward Presbrey
Thomas Russell Quinn
Martha Ann Rapoport
Marilyn Jean Regan
Mark Ira Reinstein
Lisa Nan Ressner
Constance Sue Rivchun
Anne Belden Robertson
James Royall Robertson
Elaine Rosenstock
Nancy Ellen Rudberg
Seraphim Michael Rummel
Craig Graham Sager
Azad Alex Sarkisian
Stephen Jon Satterfield
Marcia Sue Schlageter
Teresa Ann Schendel
Laurie Schlau
Daniel Alvin Schweid
Betsy Ann Sheridan
Lawrence Michael Sider
Jill Siegel
William James Silberman, Jr.
Andrea Belli Siragusa
Timothy Charles Skelly
Donald Joseph Sladaritz
Leal John Smith
Mary Beth Smith
Sherrill Jeane Smith
Robin Sokoloff
Christina R. Stableford
Janet Ruth Stampfl
Meredith Ann Stedman
Kathleen Rose Stephans

Susan Linda Stern
Theresa Sudol
Patricia Lynn Swart
Michael Frank Thomas
Ellen Mindy Tickner
Marla Sue Timmins
Robert John Christopher Tomaro
Gretchen Trapp
Gail Elizabeth Turney
Mark Stephen Utley
John Edward Voorhees
Cheryl Ann Walker
Lorraine Walker
Michael Patrick Walsh
Geraldine Floy Weathers
Elaine Florence Weiss
Idalee White
Irwin Benjamin Wilensky
Barbara Wyman
Sherry Ann Younger
Deborah Caldwell Ziegler
Janice Lee Ziemba
Dennis John Zolnierzak
Joan Leslie Zuckerman

THE SCHOOL OF DENTISTRY

Candidates presented by DEAN NORMAN H. OLSEN

DOCTOR OF DENTAL SURGERY

G. W. Adleman
Kendall J. Barrowes
Joseph Paul Blanch
John Kent Boice
Larry Leon Borth
William George Bozalis
Donald Joe Brockriede
Thomas Franklin Brody
William J. Brownson
Barry Michael Burren
Garold William Busch
Dennis Wade Calvert
Phillip Olsen Carr
Stephen L. Claybon
Donald Edward Couchman
Allen Riley Cutler IV
Robert Gerald Daniels
James Lawrence Davis
Douglas Robert Dill
James Brian DuHamel
Terrance E. Fippinger
Gregory Dean Fryday
Walter L. Glass
Roger Ernest Grua
Everett E. Heringer
Ronald Hertz
Thomas Robert Hobbs
Louis Alan Hodson, Jr.
John E. Hutton
Michael Douglas Jenkins
Malcolm D. Kaiser
Howard Yale Karfeld
Dan Wilbert Kaspar
Randall Steve Keller
Kenneth Glen Killian
Harry R. Kinlaw
David W. Klein
Curtis Wayne Kumpf
Eugene Himeo Kunitake
Jimmie Hajime Kunugi, Jr.
Thomas Hartman Larson
James Ellis Latta
Timothy Jon Lemna
Dennis Everett Luiten
Earl Edwin Martin
Dennis Paul Mohney
Jon Lincoln Montague
Tina Moore
David Roger Neil
Laurence V. Oberhill
Stephen Michael Perry
James Bruce Ricker
Robert Alan Roberts
Craig E. Rosenberg
Norman Kent Rounds
Edward Irwin Shapiro
Leonard Houston Smith
William Paul Soderberg
Philip Sokoloff
Brett Charles Strong
Duane M. Takaki
Robert Leonard Tayler
Jeffrey Neil Trester
Rueland Lane Ward
David Eugene Weiner
Daniel Lewis Weinstein
John Robert White
William Howard Wilcox
James Leon Zimmer

THE SCHOOL OF MUSIC

Candidates presented by DEAN THOMAS W. MILLER

DOCTOR OF MUSIC

David George Low, B.M., Eastman School of Music, 1965; M.A., Stanford University, 1966. Cello Performance. Written projects: The Solo Cello Music of Felix Mendelssohn; The Cello Sonatas of Boni, Scipriani, and Vandini; The Solo Cello Chamber Music of Benjamin Britten.

MASTER OF MUSIC

Charles Hugh Albers, Jr., B.M.E., Nebraska Wesleyan University, 1972.
Douglas Arnold Asbury, B.M.E., College of Wooster, 1971.
Margaret Ruth Askeland, B.A., University of Minnesota, 1972.
David Allen Bachmann, B.A., St. Olaf College, 1971.
Leland Noble Beardsley, B.M., The University of New Mexico, 1971.
Gary Ford Berkenstock, B.M., George Peabody College, 1969.
Dale Mara Bershad, B.M., Northwestern University, 1972.
Patricia Irene Bishop, B.M.E., Ithaca College, New York, 1972.
Bruce Edward Breslauer, B.A. and B.M., Oberlin College, 1972.
Ann Dekker Buursma, A.B., Calvin College, 1969.
Robert Scott Carlson, B.M.E., Northwestern University, 1969.
Joyce Ann Cattanach, B.M., George Peabody College for Teachers, 1970.
Philip Alan Demers, B.A., California Lutheran College, 1967.
Alan Charles Ehnes, B.M.E., Northwestern University, 1969.
Dixie Calvert Fine, B.M.E., Drury College, 1971.
Frederick Conrad Frey, B.M., Wisconsin Conservatory of Music, 1968.
James Patrick Gavigan, B.M.E., North Texas State University, 1972.
Joseph James Giallombardo, B.M.E., Boston University, 1972.
Marjorie Susan Gile, B.M., Oberlin College, 1972.
Melanie Ruth Goldstein, B.M., Northwestern University, 1972.
Holly Lee Gornick, B.M., University of Utah, 1969.
Donna Marie Gunsaullus, B.M.E., Oklahoma State University, 1972.
Russel George Haak, B.A.Ed., Northeastern Illinois University, 1971.
Jane Ann Hamilton, B.M., Bradley University, 1972.
Robert Lynn Hanson, B.M., Chicago Conservatory of Music, 1972.
James Robert Heiks, B.A.Ed., Bluffton College, 1972.
James Owen Johnson, B.M., University of Iowa, 1968.
Louise Marie Johnson, B.M., Northern Illinois University, 1972.
Patrick Gerard La Cerra, B.M.E., De Paul University, 1972.
Dennis Michael Lovinfosse, B.M., University of New Mexico, 1970.
Mary Beth Manning, B.A., Rosary College, 1970.
Michael Steven Mark, B.M.E., Northwestern University, 1972.
Suzanne Marilyn Miller, B.A., Oberlin College, 1972.
Alfred Allan Moeller, B.M., Drake University, 1971.
Sandra Mehr Morgan, B.M., Northwestern University, 1971.
Janet Kay Moser, B.M., North Central College, 1971.
Roy Dale Mote, B.M., Oklahoma City University, 1972.
Diana Joan Mueller, B.M.E., Northwestern University, 1972.
Linnea Nereim, B.M.E., Northwestern University, 1972.
James Charles Plondke, B.M.E., University of Illinois, 1970.
Richard Anthony Rayer, B.S.E., Kent State University, 1968.
Eloise Reeves, B.M., Louisiana State University, 1972.
Diane Lee Romano, B.A., Sacred Heart College, 1969.
Carole Lynn Roseberry, B.M., Northwestern University, 1971.
Pamela Rae Sanabria, B.M., Indiana University, 1971.

Walker Leslie Smith, B.M., University of Texas, 1972.
Dennis Graham Stabler, B.M., Furman University, 1970.
Laurie Daniels Taetle, B.M.E., University of Michigan, 1969.
Melanie Helen Tomaszkiewicz, B.M.E., Northwestern University, 1971.
Thomas Anthony Torchedlo, B.M.E., Northwestern University, 1972.
Joan Trapp, B.M., Northwestern University, 1972.
David Tuttle, B.M.E., Northwestern University, 1971.
Dale Frederick Voekler, B.S.E., Central Michigan University, 1970.
Jeffrey Wasson, B.M., Northwestern University, 1970.
Ellen Evans Weber, B.A., Goucher College, 1971.
Kurt Hagen Westerberg, B.M., St. Olaf College, 1972.
Candy Lynn Antonia Wilchinsky, B.A., Moravian College, 1969.
Nannette Beah Wolfers, B.A., MacMurray College, 1972.

BACHELOR OF MUSIC

Jan Remer Austin
Nadja Kalatzki Bartels
Katherine Ann Brewster
John Adams Dewitt
Britta Ann Ebert
Joseph Salvatore Giunta, Jr.
Thomas Daniel Grabowski
Mary Kathleen Hawkins
Mary Jeane Hildebrandt
David George Hildner
Marion Lynn Hunter
Lynn Marie Marcell
Lillian Fay McKimmy
Sophie Mung Kit Pak
Paul Campbell Ridgway
Denise Suzanne Schafer
Lorraine Frances Smith
Susan Elaine Smith
Patricia Eileen Trant
Nancy Diane Valentine
James Kenneth Varah
Frances Allyson Villarosa
Rudolph Edward Vrbsky
Patricia Sue Weitekamp

BACHELOR OF MUSIC EDUCATION

Eric Russell Allison
Ronald David Arron
Ellen Jane Bartlett
Robert Foster Beazley
Richard Lee Blatti
Stephen Bernard Colson
Mary Louise Crawford
Glenn Russell Dauphin
Alice Marie Davis
Gregory Allen Dyes
Robert Albert Edahl, Jr.
Earl Lavon Freeman, Jr.
David George Gardner
Susan Carol Goeres
David Green
Dean Robert Gurinsky
Janet Kay Herwig
Melanie Jane Holmes
Michael Steven Jampole
Kevin Stanley Jordan
Francine Melanie Kasputis
Sanford Jay Kennedy
Linda Rae Lusk McCachran
Diana Joan Mueller
Susan Lorraine Nigro
Robert Pacult
Harold Lee Potter
Paula Eileen Rajkumar
Edward Raymond Reich
Richard Milton Scheffel
Donald Wayne Shupe
Nancy Roberta Waldbauer
Pamela Jean Wyzgala
Norma Ann Zaher

THE GRADUATE SCHOOL OF MANAGEMENT

Candidates presented by DEAN JOHN A. BARR

MASTER OF BUSINESS ADMINISTRATION

Day Program

Michael Paul Adams, A.B., University of Illinois, 1970.
Eric Edward Anderson, B.A., Kalamazoo College, 1970.
James Forrest Ash, B.A., University of Southern California, 1970.
William Louis Barthel, B.C.E., Marquette University, 1961.
Alexandre Basmadjiev, Diplome, H.E.C., 1971.
Raymond Bennett Baxter, A.B., Stanford University, 1970.
Marc Louis Bertoneche, Diplome de l'Institut d'Etudes Politiques; Diplome d'Etudes Supérieures de Sciences Economiques, Université de Paris, 1969.
Craig Troupe Boyd, B.S. in Engineering, Brown University, 1969.
David Patrick Boyle, A.B., Dartmouth College, 1969.
David Scott Bradley, B.A., Vanderbilt University, 1971.
Gregory Elkin Brandt, B.S., Defiance College, 1969.
John Frank Bringhurst, Jr., B.A., Utah State University, 1969.
Richard Lindsay Britton, A.B., Colgate University, 1971.
Fred Charles Campbell, B.S.E.E., University of Illinois, 1969.
Philippe Jean Casiez, Certificat, EDHEC, 1971.
Steven Robert Champion, B.A., University of Wisconsin, 1967.
Richard Kou-Tung Chang, M.S., University of Notre Dame, 1971.
Jean-Paul Chantraine, Diplome, E.S.C.P., 1970.
George Conrad Clam, A.B., Ripon College, 1971.
Roland Didier Cohen, Licence (Law), Université de Paris, 1971.
Judith Moriarty Collins, B.A., Barat College, 1969.
Richard Vincent Collins, B.S., U.S. Merchant Marine Academy, 1966.
Ronald Alan Cooperman, B.S., Pennsylvania State University, 1971.
Dale Anthony Cowel, B.A., Northwestern University, 1971.
Robert Judd Deaton, M.S.E.E., Massachusetts Institute of Technology, 1970.
David Gardner Dimit, B.A., Vanderbilt University, 1969.
Teodoro Pimping Dizon, B.S.C., University of Santo Tomas, 1965.
John Edward Dwyer III, A.B., Georgetown University, 1971.
William Constantine Egan III, B.A., Trinity College, 1968.
Carl John Eichinger, B.S.M.E., Valparaiso University, 1955.
Marc Steven Engelhart, B.A., Northeastern Illinois University, 1971.
Eugene Stanley Erdahl, A.B., Stanford University, 1962.
Steven Craig Ethington, B.S.I.E., Northwestern University, 1971.
Paul Kenneth Forchione, B.A., Northwestern University, 1971.
Carl Eric Forsberg, B.S.I.E., University of Utah, 1971.
Jean-Pierre Fraissenet, Diplome d'Etudes Approfondies d'Informatique, Université de Lyon, 1971.
James Victor Franch, B.S., Illinois Institute of Technology, 1971.
Clifford Lenner French, A.B., Ripon College, 1971.
Gary Wayne Fridley, B.S., Iowa State University, 1960.
Peter Yiu-Fai Fung, M.S., Northwestern University, 1970.
Madeline Carol Galiej, B.S., University of Illinois, 1971.
James Carlton Garrison, B.A., Phillips University, 1968.
Nathan Lawrence Geraths, M.S.W., Loyola University, 1967.
Steven Silver Gittelman, B.S., University of Colorado, 1972.
Janice Diane Gordon, B.S.J., Northwestern University, 1971.
Richard Kent Gould, B.A., Principia College, 1969.
Robert Jay Goulston, B.S.A., Bentley College of Accounting and Finance, 1970.
Scott Douglas Hannah, B.A., Northwestern University, 1968.

John Torsten Hedbring, A.B., Harvard University, 1971.
Scott Keith Heitmann, B.A., Denison University, 1971.
Kenneth Robert Herlin, A.M., University of Michigan, 1971.
Steven Norris Herman, B.S., University of Colorado, 1971.
David Kennedy Hewett, B.S., U.S. Military Academy, 1967.
Motohide Hongo, B.Com., Hitotsubashi University, Tokyo, 1967.
Robert Lawrence Hood, B.S.M.E., University of Akron, 1971.
Robert William Huiskamp, B.A., B. of Engineering, Dartmouth College, 1971.
Mary Catherine Jaros, B.S., Michigan State University, 1971.
Timothy Daniel Johnson, B.A., Denison University, 1971.
Edward Arthur Katzenberg, B.A., Lake Forest College, 1971.
Theodore Anthony Kay, B.S.B.A., Marquette University, 1971.
Thomas Henry Kereluk, B.S.C., DePaul University, 1971.
James Richard Klemme, B.A., Northwestern University, 1971.
Leslie Leimbach Langan, B.A., Northwestern University, 1971.
Alain Lebec, Diplome d'Ingénieur de l'Ecole Polytechnique, Paris, 1970.
Berenger Bernard LeBreton, Doctorat en Histoire, Université de Paris, 1967.
Stephen Ching-Yen Lee, B.A., University of Oregon, 1971.
James Thomas Lenehan, B.A., University of Akron, 1971.
William Paul Lloyd, B.A., Northwestern University, 1971.
James Nicholas Logan, A.B., Indiana University, 1971.
Neal Martin Lookner, B.A., University of Massachusetts, 1970.
John William Manske, B.A., University of Northern Iowa, 1969.
Charles Anthony Marien III, B.A., Principia College, 1969.
Joseph Michael Martin, B.A., University of Florida, 1968.
Stephen Robert Schuster Martin, B.A., DePauw University, 1967.
Tolbert Knecht McAfee, B.A., Denison University, 1969.
Gary Charles McGinty, B.S.M.E., Purdue University, 1968.
Mary Ann Pauline McGrath, B.S., Loyola University, 1968.
Stephen Edward McGrath, B.S., University of Michigan, 1971.
Miles Lindsay McKie, B.S., Leeds University, 1971.
Mark Jeffrey Merriman, B.A., Northwestern University, 1971.
Stephen Fred Milam, B.A., University of California, 1970.
Terrence Edward Minke, B.S., Louisiana State University, 1971.
Douglas Scott Mitchell, B.S.E.E., Northwestern University, 1971.
Joseph Nelson Mohr, B.A., Lake Forest College, 1968.
William Harley Morris, B.B., Western Illinois University, 1971.
William John Moser, Jr., B.S.B.A., Valparaiso University, 1971.
Kenichi Nakamuta, B.A.Econ., Keio University, Tokyo, 1970.
Kevin John Necas, B.S.B.A., John Carroll University, 1969.
Kazuhiko Ohfuku, B.L., University of Tokyo, 1969.
John David Olinger, B.A., Miami University, 1968.
Eugene Orlando, Jr., B.S.Ch.E., Northwestern University, 1971.
Kazuo Otaka, B.Econ., Meiji University, Tokyo, 1970.
Holly Louise Parker, A.B., Washington University, 1969.
W. James Petru, Assumption Seminary, 1962.
Alfonso Felipe Pulido Y Gomez Palacio, Ingeniero Mecanico Electricista, Universidad Nacional Autónoma de Mexico, 1971.
Kevin Walter Rassas, B.A., University of Notre Dame, 1968.
Willie James Register, Jr., B.A., Morehouse College, 1971.
John Frederic Rice, A.B., Colgate University, 1969.
Luis Fernando Rojas, C.P., Universidad Ibero-Americana, 1971.
Joël André Routier, Licence en Droit, Université de Nantes, 1971.
Christopher Laurence Royan, B.A., Denison University, 1971.
Bruce Steven Saltzberg, B.S., Northern Illinois University, 1971.
John Frederick Schuler, B.A., Cornell College, 1969.
Shohreh Shadman-Valavi, B.S., Oregon State University, 1970.
Katsuhisa Shimoda, B.Laws, University of Tokyo, 1962.
Thomas Hale Shinkle, Jr., B.S.B.A., Northwestern University, 1969.
William Stanley Skowronski, B.S.I.E., Northwestern University, 1970.
Robert Jeffery Smith, B.S., Purdue University, 1971.
Todd Allen Smith, B.S.B., University of Kansas, 1971.

Takao Soeda, B.Econ., University of Tokyo, 1969.
Robin Spitalny, B.B.A., University of Michigan, 1971.
Jonathan Charles Starr, B.A., Brigham Young University, 1971.
Jeffrey Neal Stearman, B.B.A., Emory University, 1970.
George Andrew Steil, B.S., University of Illinois, 1967.
Stephen Finch Stockton, J.D., Northwestern University, 1972.
Kunio Suhara, B.A. in Econ., Keio University, Tokyo, 1968.
Franklin Siong-Lim Tan, B.Com., McGill University, 1969.
Masashi Teranishi, B.Econ., Osaka University, 1969.
Joe Larry Thorpe, B.S., Morgan State College, 1970.
Michel Thurel, Diplome, E.S.C.P., 1971.
Curt Reisinger Tobey, B.A., University of Vermont, 1968.
John Charles Todd, B.A., Northwestern University, 1970.
Richard Thomas Todd, A.B., Ripon College, 1967.
Hiroshi Tonoike, B.A.Econ., Keio University, Tokyo, 1965.
William Requa VanBokkelen, B.A., Depauw University, 1968.
Leonard Washington, Jr., M.S.W., Howard University, 1963.
Charles Edwin Waterman, B.S., U.S. Naval Academy, 1966.
James O'Neill Whitmore, Jr., B.B.A., University of Notre Dame, 1969.
Ronald Albert Wiese, B.A., Southeast Missouri State College, 1964.
Daniel Lee Woo, B.A., Western Illinois University, 1971.
Joseph Wong-Fai Woo, B.A., Southern Illinois University, 1969.
David William Wood, B.A., B.S., Kansas State University, 1971.
Julian David Wright, B.Com., University of Western Australia, 1971.
Shiro Yasuno, B.Econ., Hitotsubashi University, Tokyo, 1964.
Alfred Zeyl, Diplome d'Ingenieur Chimiste, Université de Lyon, 1964.
Peter D. Ziegler, A.B., Ripon College, 1971.

Evening Program

William Carl Andersen, B.S.B.A., Northwestern University, 1966.
Fuller David Atkinson, B.S., United States Air Force Academy, 1960.
James William Austin, B.I.E., Ohio State University, 1966.
Norman Earl Bartelt, B.S.I.E., Northwestern University, 1955.
Karl Theodore Barthelmess, Jr., B.S., Northwestern University, 1963.
Richard Allen Baumann, B.S., University of Illinois, 1968.
Gary L. Beardsley, B.S.M.A.E., Illinois Institute of Technology, 1967.
James Walter Beile, B.A., Northwestern University, 1966.
John Wayne Bengel, B.A., University of Wisconsin, 1967.
Yazdi Framroz Bilimoria, B. Tech., Indian Institute of Technology, Bombay, India, 1968; M.S., Carnegie-Mellon University, 1969.
Kenneth Joseph Blakeman, B.S., University of Illinois, 1967.
Norman John Blank, B.S.C., De Paul University, 1962.
Robert Alvin Bloom, B.A., Beloit College, 1957.
James Patrick Bourke, B.B.A., University of Notre Dame, 1967.
Theodore John Bratthauar, B.B.A., University of Notre Dame, 1968.
John Raymond Brouch, B.B.A., Northwestern University, 1970.
Michael Kenneth Brown, B.S., St. Joseph's College, 1965.
Roger David Brzostek, B.S., University of Illinois, 1968.
Herman Shelby Cage, B.S., Northwestern University, 1969.
Arthur Gary Canfield, B.S.B.A., University of Minnesota, 1969.
James Linus Carroll, B.S., Purdue University, 1966.
John Scott Childers, B.S.I.E., Purdue University, 1969.
Donald William Clugston, B.S., Michigan State University, 1967.
Jean Mary Davis, B.A., Barat College of the Sacred Heart, 1965.
Robert Michael Diebold, B.S.E.E., Illinois Institute of Technology, 1969.
Frederick E. Downey, B.S., Loyola University, 1956.
Warren John Drewes, B.S., Northwestern University, 1968.
Michael Joseph Durko, B.S.M.E., University of Illinois, 1967.
Einar Dyhr, B.S.I.E., Odense Institute of Technology, Denmark, 1963.
Virgil Francis Fairchild, Bach. of Avi. Mgt., Auburn University, 1969.

Susan Louise Falls, B.S., Southern Illinois University, 1969.
Jeffrey Austin Finlay, B.S.I.E., Northwestern University, 1964.
LeRoy Vincent Foley, Jr., B.S., University of Illinois, 1969.
Laurence G. Foy, A.B., College of William and Mary, 1970.
Frederick C. Fuchs, B.S., Marietta College, 1965.
Harley L. Gates, B.A., Principia College, 1969.
Michael Gaines Geisler, B.S., Christian Brothers College, 1967.
John Elmer Glabe, B.S.M.E., University of Illinois, 1968.
Leonhard August Goeller, B.S., Case Western Reserve University, 1967.
Gilbert Howard Greene, B.S., University of Illinois, 1968.
Robert Coy Griffin, B.S., Miami University, 1969.
Lee Patrick Gubbins, B.S.B.A., Loyola University, 1967.
William Collier Hamer, B.S.E.E., University of Maryland, 1967; M.S.E.E., University of California, 1968.
Lee F. Harris, B.B.A., Loyola University, 1968.
Donald Eads Haselwood, B.S.E.E., Purdue University, 1958; M.S.E.E., Northwestern University, 1963.
Thomas David Heggen, B.B.A., Western Michigan University, 1970.
Joseph Albert Hollander, Jr., B.S., Northwestern University, 1942.
Lawrence Victor Holmberg, Jr., B.S., Northwestern University, 1967.
Harold Edward Holstrom, Jr., A.B., Knox College, 1966.
Robert Edward Huggans, B.S., University of Delaware, 1963.
Alfred Robert Hunsicker, B.A., Elmhurst College, 1968.
Roland Isernhagen, B.S.E.E., Kansas State University, 1965.
Thomas Oscar Johnsen, B.S., Saint Mary's College, 1957; J.D., Chicago-Kent College of Law, 1968.
Allen Ronald Kazlo, B.A., Carthage College, 1969.
George William Keeley, A.B., University of Notre Dame, 1969.
Gerald Harry Keller, B.S., Roosevelt University, 1964; M.S., University of Illinois, 1967
Gerald A. Kilmer, B.S., De Paul University, 1961; M.S., 1963.
James Richard Kinney, B.S., United States Naval Academy, 1960.
David Laurence Knippen, B.S.M.E., Tri State College, 1961.
Leonard Kunikowski, B.S.I.E., Northwestern University, 1969.
Ronald Allen Kunz, B.A., Northwestern University, 1968.
Jorge Labat, Doctor in Chemistry, University of Buenos Aires, 1952.
Jon Howard Laubscher, B.A., American University, 1966; B.F.T., American Institute for Foreign Trade, 1967.
Lawrence Frank Leonard, B.S.E.E., University of Illinois, 1969.
Raymond Joseph Lepp, B.S.M.E., Rose Polytechnic Institute, 1963.
George William Lodge, B.S., Drexel University, 1954.
John Warren Lombard, B.S., State College, Bridgewater, Massachusetts, 1959; Ed.M., Harvard University, 1963.
David William Loving, B.A., Denison University, 1963.
John R. Mackie, B.S.C.E., Illinois Institute of Technology, 1967.
Lee Michael Marsh, B.S.Chem.E., Purdue University, 1969.
Donald Joseph Mayer, B.S., Case Institute of Technology, 1964.
Ralph Carswell McElvain, B.S.M.E., Northwestern University, 1958.
Daniel Robert McSweeney, B.S., University of Massachusetts, 1956.
Thomas Louis Miller, A.B., Dartmouth College, 1965.
Paul Richard Moe, B.S.E.E., Valparaiso University, 1969.
Judith Marilyn Moen, B.A., Knox College, 1966; M.A., Northwestern University, 1968.
Albert Michael Moloney, Jr., A.B., Boston College, 1964.
Loren Ramsey Munson, B.S., Western Illinois University, 1962; M.S., Kansas University, 1964.
John William Neitzke, B.S.E.S., Purdue University, 1970.
James Robert O'Brien, A.B., Miami University, Ohio, 1962.
John James Oboikowitch, B.A., Carthage College, 1968.
Robert Henry Olson, B.B.A., Northwestern University, 1968.
Borje Wilhelm Ost, Ph.B., Northwestern University, 1961.
Peter G. Pappas, B.A., Bowdoin College, 1967.

Michael A. Parmelee, B.S., Indiana University, 1969.
Manfred Johann Poddig, B.B.A., Northwestern University, 1968.
Alan Stuart Rabin, B.A., University of Illinois, 1967.
Howard Dean Rader, B.S., Bradley University, 1963.
Henry Arnold Rahmel, Jr., B.S., Valparaiso University, 1968.
Shreedhara Visvanadhan Ramarathnam, B.S., Birla Institute of Technology, Pilani, India, 1965; M.S., Horace H. Rackham School of Graduate Studies, University of Michigan, 1966.
Richard G. Rand, B.S.B.A., Northwestern University, 1965.
John Albert Residori, B.A., Holy Cross Seminary, 1967; M.A., Loyola University, 1969.
William Carl Ridenour, B.S., Indiana University, 1967.
Jerome Carl Rokosz, B.A., Loyola University, 1968.
Frederick John Saathoff, B.S., University of Nebraska, 1956.
Ronald Albert Sabala, B.S.M.A.E., Illinois Institute of Technology, 1968.
Donald Allan Santefort, B.S., Valparaiso University, 1968.
Glenn George Schmoll, B.A., Loyola University, 1968.
Kenneth William Seaton, B.S., University of Illinois, 1969.
Henry James Seemann, B.S.M.A.E., Illinois Institute of Technology, 1967.
Pradip Shah, B.E., The Maharaja Sayajirao University of Baroda, India, 1960; M.S., University of Missouri, 1962.
James W. Shorr, B.B.A., University of Wisconsin, 1954.
Larry Thomas Short, B.A., Northern Illinois University, 1971.
Douglas Jay Smith, B.A., University of Michigan, 1968.
John Tom Smith, B.A., Southern Illinois University, 1967.
Sherry Laeanne Smith, B.S., University of Wisconsin, 1968.
Martin H. Smoler, B.S., University of Wisconsin, 1963; M.S., 1965.
Joseph William Spells, Jr., B.E.E., Georgia Institute of Technology, 1965; M.E.E., Midwest College of Engineering, 1969.
Robert John Stoiber, B.S.E.E., Marquette University, 1968.
Frank Dennis Straka, B.S.E.E., University of Illinois, 1968.
Terrence Lee Szesny, B.S., Illinois Institute of Technology, 1968.
John Dominik Textor, B.S.M.E., Illinois Institute of Technology, 1970.
Grove George Thompson, Jr., B.S.I.E., Northwestern University, 1965.
Jack Lewis Thorson, B.S., Eastern Illinois University, 1959.
Thomas Daniel Vilardo, B.S.E.E., University of Illinois, 1969.
Robert John Vokurka, B.A., Albion College, 1970.
Donald Arthur Washburn, B.B.A., Loyola University, 1971.
Richard Allen Weiss, B.A., University of Illinois, 1961.
Harry L. Wheaton, B.S.E.E., Cornell University, 1963; M.S.E.E., Columbia University, 1965.
Harry L. Winn, Jr., B.B.A., University of Wisconsin, 1966.
Andrew Walter Wojciechowski, B.S., Loyola University, 1966.
Marvin Walter Wolfe, B.S., Northwestern University, 1947.
Richard Lawrence Wood, B.S.B.A., Northwestern University, 1951.
David A. Woodworth, B.S., Northwestern University, 1968.
William James Yacullo, B.S.C., De Paul University, 1959.
Joseph John Zaksas III, B.S.B.A., Roosevelt University, 1970.
Winnie Lee Trolin Zukor, B.S., Ohio State University, 1969; B.A., Idaho State University, 1967.

MASTER OF MANAGEMENT

Jeffrey Alan Adler, B.B.A., University of Wisconsin, 1972.
Carl Max Allen, B.S. in Bus., Miami University, 1972.
Donald George Allison, B.S. in Econ. University of Pennsylvania, 1972.
James Philip Allman, B.S.B.A., Georgetown University, 1972.
Swee Tian Ang, B.Com., Nanyang University, Singapore, 1970.
George Arquilla III, B.A., Denison University, 1971.
George Joseph Bakos, B.S.B.A., Boston University, 1972.
Harvey Alan Blender, B.S.B.A., Drake University, 1970.

Robert Glenn Bostrom, B.A., Cornell College, 1969.
Urs Charles Boxler, B.S., Fresno State College, 1972.
David Walter Coleman, B.S.B.A., Bowling Green State University, 1972.
William Dixon Cornwell, Jr., B.S.B.A., University of North Carolina, 1971.
Jean Louis Deriaz, Diplome, E.C.S., E.S.C.P., 1959.
Mark Gerson Dubow, B.S., Southern Illinois University, 1972
Thomas Lowe Duncan, A.B., Cornell University, 1970.
Patrick Georges Dupuis, Diplome, E.S.C.P., 1971.
Bradley Nolan Edwards, B.S.B.A., Georgetown University, 1972.
David Samuel Epstein, B.A., Northwestern University, 1971.
William Henry Fiely, B.S.B.A., Ohio State University, 1971.
Richard Alan Finkle, B.S. in Econ., University of Pennsylvania, 1969.
Steven Mark Fireman, B.S.B.A., Drexel Institute of Technology, 1972.
Arthur Allen Freedman, B.S., University of Illinois, 1971.
Michael Joseph Geisler, B.B.A., Loyola University, 1972.
Harry Paxson Gifford, Jr., B.Sc.Ch.E., Worcester Polytechnic Institute, 1968.
Paul Joseph Gonzales, B.S., University of Illinois, 1972.
Willie LeBaron Green, A.B., Lincoln University, 1971.
Lee Martin Hague, B.S.B.A., Northwestern University, 1968.
Steven Don Harrop, B.S., Brigham Young University, 1972.
Mark Leland Hildebrand, B.S. in Ind. Mngt., Purdue University. 1972.
Gregory Alan Hoeck, B.B.A., University of Notre Dame, 1972.
David Charles Honeycutt, B.S., University of Illinois, 1972.
Jonas Ichen, B.S., University of Illinois, 1972.
Richard Prealle Jacks, B.S.B.A., University of Richmond, 1972.
David Paul Kaiser, B.A., Elmhurst College, 1967.
Arthur John Kasper, B.B.A., Loyola University, 1971.
William George Kistner, B.B.A., Loyola University, 1972.
John Robert Knepper, B.B.A., Little Rock University, 1971.
Steven Hubrig Koehler, B.A., Duke University, 1972.
John William Kurtz, Jr., B.S., University of Notre Dame, 1969.
William Charles Kurylak, Jr., B.S., University of Illinois, 1972.
Paul Ottorino Landini, A.B., John Carroll University, 1971.
George Ziegler Lannert, B.S.I.E., Northwestern University, 1971.
George Sturgis Lawler, B.B.A., University of Notre Dame, 1972.
Wayne Marshall Lebl, B.S. in Econ., University of Pennsylvania, 1972.
Robert Emmett Lee, Jr., B.S.B.A., Northwestern University, 1967.
Wayne George Lonngren, B.S.B.A., University of Washington, 1972.
Paul Jonathan Lustig, B.S.B.A., Ohio State University, 1972.
William Alvin Lynch, B.S., University of Illinois, 1972.
Dean Emanuel March, B.B.A., Loyola University, 1967.
John Wayne Matzer, B.S., University of Illinois, 1968.
Timothy Francis McCarthy, B.B.A., University of Notre Dame, 1972.
Thomas Robert McClayton, B.S., University of Illinois, 1972.
Horacio Manuel Milberg, Ingeniero Agrónomo, University of Buenos Aires, 1969.
Michael David Miller, B.S.B.A., University of Dayton, 1970.
Robert David Munro, B.S. in Ind. Mgt., Purdue University, 1972.
William Gibbs Northen, B.S. in Comm., University of Virginia, 1972.
Nancy Elizabeth Offutt, B.S.B.A., Ohio State University, 1972.
Dennis Michael O'Keefe, B.A., Northwestern University, 1969.
John Charles O'Leary, B.A., University of South Florida, 1972.
William James Phillips, B.S., University of Illinois, 1972.
Jay Dennis Piell, B.S.B.A., Drake University, 1971.
George Michael Poulos, B.S.B.A., Northwestern University, 1968.
James Michael Quinn, B.S., University of Illinois, 1972.
Allan Jeffrey Reinking, B.S. in Ind. Mngt., Purdue University, 1972.
Hal R. Robinson, B.S., Brigham Young University, 1972.
Richard Aleri Rodgers, B.A., Chapman College, 1971.
Sidney Neal Roth, B.S. in Bus.&Econ., Illinois Institute of Technology, 1972.
Michael Jarrett Rothmeier, B.B.A., University of Notre Dame, 1972.
Takashi Sakurai, B.A., Keio University, Tokyo, 1969.
Philip Lee Schaadt, B.S., University of Illinois, 1971.

James Michael Schroeder, A.B., Harvard College, 1963.
James Thomas Shay, B.S. in Ind. Mngt., Purdue University, 1972.
Charles Madison Skinner, B.S. in Eng., Duke University, 1971.
Kenneth F. Smith, B.B.A., University of Cincinnati, 1971.
Kevin Charles Smith, B.A., Bradley University, 1972.
Sydney David Smith, B.B.A., Baylor University, 1969.
Robert Stanley Smolen, B.S., University of Illinois, 1970.
Jeffrey Allen Staple, B.S.M.E., Marquette University, 1971.
Kenneth Stuart Starkey, B.B.A., University of Iowa, 1969.
Michael Sullivan Strathman, B.S. in Applied Science, Miami University, 1970.
William Lee Sturtz, B.S.B.A., Georgetown University, 1972.
Michael Lynn Synar, B.B.A., University of Oklahoma, 1972.
Jay Robert Taylor, B.B.A., Northwestern University, 1972.
Loren Edward Tischer, B.S.B.A.. The Ohio State University, 1972.
Warapatr Todhanakasem, B.Econ., Thammasat University, 1971.
Raymond Tom, B.S., University of Utah, 1972.
David Russell Tridle, B.S. in Bus., University of Idaho, 1972.
Peter Michael VanBrunt, B.B.A., University of Notre Dame, 1972.
Paul William VanWie, B.S. in Econ., University of Pennsylvania, 1972.
Thomas Andrew Walker, B.S., University of New Hampshire, 1971.
Thomas Walter Watermann, B.S., University of Illinois, 1971.
Robert Edward Weidenmiller, B.S. in Ind. Mngt., Purdue University, 1972.
James Coleman Weinberg, B.S., Southern Illinois University, 1972.
Jeffrey Wayman Williams, B.S.Com., University of Virginia, 1970.
James Harry Wisner, B.B.A., University of Notre Dame, 1972.
Richard Alan Yoken, B.S.B.A., Boston University, 1972.

BACHELOR OF BUSINESS ADMINISTRATION

Mary Dolores Kinecki

THE MEDILL SCHOOL OF JOURNALISM

Candidates presented by DEAN I. W. COLE

MASTER OF SCIENCE IN JOURNALISM

William W. Aabye, B.A., Northwestern University, 1968.
Ilene E. Aleshire, B.S., Northwestern University, 1972.
Rick L. Anello, B.S., Southeast Missouri State, 1970.
Philip J. Appleyard, B.A., Vanderbilt University, 1971.
Irwin B. Arieff, B.A., University of Pennsylvania, 1968.
Takafumi Asano, B.A., University of Oregon, 1970.
Virginia E. Austin, B.A., Boston University, 1971.
Paul E. Bailey, B.A., San Jose State College, 1972.
Samuel Barone, B.A., Kenyon College, 1972.
Michael Bartholomew, B.S.J., Northwestern University, 1972.
Walter P. Belback, B.S.J., Northwestern University, 1972.
Thomas J. Beres, B.S.J., Northwestern University, 1971.
Rebecca J. Berg, B.A., University of Oregon, 1971.
David A. Blasco, B.S.J., Northwestern University, 1972.
Francis P. Boyle, A.B., University of California, 1972.
James A. Branegan, B.A., Cornell University, 1972.
Marc J. Breslaw, B.A., State University of New York, 1972.
Thomas E. Burke, B.S.J., Ohio University, 1968.
Rebecca O. Campoverde, B.S.J., Northwestern University, 1972

Anthony P. Carideo, B.A., Gannon College, 1972.
Gregory T. Carrott, B.A., Lawrence University, 1972.
Steven S. Chernoff, B.S., Cornell University, 1970.
Anita L. Clark, B.A., University of Michigan, 1972.
Douglas C. Clemensen, B.A., Tufts University, 1971.
Stanley M. Crock, B.A., Columbia University, 1972.
Freida J. Curry, B.S., Northern Illinois, 1970
Dana J. Davis, B.A., Florida State University, 1972.
Marguerite R. Devlin, B.A., Lawrence University, 1969.
Andrew F. Donchak, B.S., Northwestern University, 1972.
David G. Duggan, A.B., Dartmouth College, 1972.
Ava Ehrlich, B.S.J., Northwestern University, 1972.
Carolyn Sue Ehrlicher, B.S., University of Illinois, 1966.
Arthur R. Ellis, B.A., Case-Western Reserve University, 1972.
Donald G. Etling, B.S.J., University of Missouri, 1971.
John W. Farley, B.S., Georgetown University, 1972.
Howard S. Frisch, B.S., Lehigh University, 1971.
Roger W. Friskey, B.A., Colorado College, 1972.
Joseph E. Gadbois, B.A., College of the Holy Cross, 1972.
Deborah L. Galloway, B.S.J., Northwestern University, 1972.
Joel L. Gandelman, B.A., Colgate University, 1972.
Ian L. Gittlitz, B.A., Hofstra University, 1972.
Linda L. Glazer, B.A., University of Michigan, 1972.
Neil J. Goldstein, B.A., Columbia College, 1972.
Stephen G. Good, B.A., St. Olaf College, 1972.
Michael P. Goot, B.A., Stanford University, 1972.
Martha L. Groves, B.A., Indiana University, 1972.
Patricia H. H. Guy, B.A., Cornell University, 1972.
Sarah E. Hardesty, B.A., Duke University, 1972.
Diana Harrison, B.A., University of Pennsylvania, 1971.
Jon A. Harwood, B.A., College of Wooster, 1972.
James R. Helbig, B.A., Wabash College, 1967.
Brian F. Hewitt, B.A., Stanford University, 1972.
Niles A. Howard, Ph.B., Northwestern University, 1972.
Stephen G. Howe, B.A., Ryerson Polytechnical Institute, 1971.
David A. Howell, Jr., B.S.J., Northwestern University, 1972.
Robert L. Howells, B.A., University of Utah, 1972.
Linda D. Hutchings, B.A., Hope College, 1972.
Rose-Marie Jacobius, B.S.J., Northwestern University, 1972.
Kathleen A. Januchowski, B.A., Unversity of Wisconsin, 1972; M.A., 1973.
Gregg E. Johnson, A.B., Kenyon College, 1969.
Mary Anne H. Johnson, B.A., Douglas College of Rutgers University, 1970.
Gwendolyn R. Jones, B.S.J., University of Florida, 1972.
Diane L. Karkiewicz, B.A., Mundelein College, 1972.
Joanne Kaufman, B.S.J., University of Texas, 1972.
Terrence P. Kaye, B.S.J., Northwestern University, 1972.
Lloyd G. King, Jr., B.A., University of South Carolina, 1972.
Elizabeth Koppelman, B.A., Smith College, 1970.
John G. Lane, B.A., State University of New York, 1972.
Carl H. Larsen, B.A., University of Wisconsin, 1971.
Robert S. Lasnik, A.B., Brandeis University, 1972.
Carol A. LeBourveau, B.A., Oberlin College, 1972.
Dan R. Leszczynski, B.S.J., Northwestern University, 1971.
Paul B. Levin, B.A., Butler University, 1972.
Mark N. Levine, B.A., American University, 1972.
Donald D. Lindley, B.A., Yale University, 1971.
Gregory B. Lippert, B.A., Valparaiso University, 1972.
William H. Lord, B.A., University of Washington, 1970.
Robert A. Lundstrom, A.B., Stanford University, 1972.
Thomas P. Lydon, A.B., Georgetown University, 1967.
Patricia R. Mack, B.A., Gettysburg College, 1972.
Mary M. Madden, B.A., Northwestern University, 1972.

Kenneth J. Majka, B.A., Northwestern University, 1972.
Marjorie Mandel, B.A., Wasington University, 1972.
Michael F. Marn, B.S.J., Northwestern University, 1971.
Patrick M. Martin, B.S., Indiana University, 1972.
Stuart Meisel, B.A., Brandeis University, 1972.
Durham J. Monsma, B.A., Illinois Wesleyan University, 1968.
John F. McCarron, B.S.J., Northwestern University, 1970.
Leanita McClain, B.A., Chicago State College, 1971.
Howard Shaw McCutcheon, B.A., University of Denver, 1969.
Gail L. McLeod, B.A., University of Texas, 1970.
George P. McMahon, B.S.J., Northwestern University, 1972.
Charles F. Neubauer, B.S.J., Northwestern University, 1971.
Mark A. Neubauer, B.S.J., Northwestern University, 1972.
Maria T. Oharenko, B.S.J., Northwestern University, 1971.
Marianne O'Laughlin, A.B., Loyola University, 1971.
Deborah S. Orin, B.A., Radcliffe College, 1968.
Richard A. Penn, B.A., University of Northern Iowa, 1971.
Laurence A. Pizer, B.S., Southern Illinois University, 1971.
Phyllis Butler Posy, B.A., Stern College for Women, Yeshiva University, 1969.
John M. Quarderer, B.S.J., Northwestern University, 1971.
Michal A. Regunberg, B.A., Brandeis University, 1972.
John A. Roberts, Jr., B.S.J., Northwestern University, 1970.
Stephen A. Robinson, B.S., Auburn University, 1972.
Marvin P. Rockford, B.S.J., Northwestern University, 1971.
David P. Ropeik, B.S.J., Northwestern University, 1971.
Richard Sutro Rothschild, Jr., B.A., Boston University, 1972.
Raymond G. Rudolph, B.S., Syracuse University, 1972.
John T. Ryerson, Jr., B.A., Kenyon College, 1972.
Mark S. Sableman, A.B., Grinnell College, 1972.
Victoria R. Sanders, B.S., Denison University, 1972.
Melanie M. Satkowski, B.S.J., Northwestern University, 1971.
Janice L. Schaffer, B.S.J., Northwestern University, 1972.
Michael Scheinberg, B.A., Bucknell University, 1972.
Ann Beasley Schierhorn, B.S.J., Northwestern University, 1972.
Carl R. Schierhorn, B.S.J., Northwestern University, 1971.
Francine B. Schore, B.A., Case Western Reserve University, 1972.
Howard M. Schreiber, B.S.J., Northwestern University, 1971.
Richard R. Schwein, B.A., Fort Hays Kansas State College, 1969.
Louise E. Seitz, B.S., University of Wisconsin, 1972.
Melinda A. Sherman, B.A., University of Colorado, 1968.
Nathan J. Silverman, B.S.J., Northwestern University, 1972.
Marcy L. Springer, A.B., University of California, 1972.
John R. Stark, B.A., Yale University, 1972.
Robert L. Stickler, B.S.J., Northwestern University, 1972.
Bruce B. Talbot, B.A., University of Wisconsin, 1971.
Ronald F. Thomas, B.A, University of Rochester, 1971.
Diana S. Tittle, A.B., Miami University, 1972.
Jean E. Tramba, B.S.J., Ohio University, 1970.
Lawrence N. Watson, B.A., Coe College, 1971.
Paul D. Wcislo, B.A., Loyola University, 1969.
Winslow T. Wegrzyn, B.B.A., Loyola University, 1972.
Charitey Whitfield, B.A., Fisk University, 1972.
Lillian C. Williams, B.S.J., Northwestern University, 1972.

BACHELOR OF SCIENCE IN JOURNALISM

Gale Morgan Adams
Roseanna Marie Albini
Brian Burke Allen
Raymond Anthony Ambraziejus
Roger Glenn Bell
Sandra Carol Bergo
Peter Fairchild Bird, Jr.
Sharon Marie Brown
Ramon Francisco Casas
David Joseph Casey
Carol L. Chanas
George Eugene Christensen
Lisette Cohen
Thomas Philip Collazo
Anthony Joseph Davis
Martha Deller
Patrick Dennis Dineen
Phillip Dixon
Patricia Yvonne Eastham
Stuart Jay Elliott
Bruce Joel Evensen
James Michael Fastert
Martin Aaron Finkel
John Keith Fricke
Anthony Derek Gallagher
Joseph Thomas Garrity
Jo Ann Gengler
Valerie Anne Gentile
Stuart David Gibson
Abraham Goldberg
Gary Goodfriend
James Franklin Gossett
Jeanne Grabovac
John Ralph Grano, Jr.
Bonnie Lou Gross
George Francis Hagenauer III
Nancy Ann Doane Hansen
Alice Marie Hartmann
Alice Marlene Heft
Margaret Mary Heim
Alex Hochner, Jr.
Stephen Thomas Hornbostel
Robin Patricia Hughes
Scott Michael Huiras
David Jay Israel
Robin Edna Iwata
Lorel Ann Janzow
Deborah Lynn Karabin
David Martin Karges
Rochelle Eileen Kellman
Lewis Timothy Kidd
Mark Lawrence Kolodziej
Alvidas Stanley Kozlowski
Roger Lawrence Kreidberg
Marcella Sandra Kreiter
Aaron Wolfe Kuperman
Ann Elizabeth LaMar
Kevin McDonald Lamb
Sidney Charles Liebenson
Anna Francis Lyon
Noreen Anna Marcus
Stephen Bruce Marshall
Irene McCullough
William Roy McLennan
Scott Clay Moody
Daniel Neil Morris
Helen Dawson Neafsey
Nancy Coleman Nelson
Regina Hilde Oehler
William Daniel O'Neill
Debra Renee Osborne
Susan Lea Page
Debra Grace Petranek
Christine Janet Pfeiffer
Philip Sherwin Pikelny
Paula Marie Polley
Rebecca McKinstry Potter
Nancy Ellen Rampton
Noble Ross Reat
Robert Scott Reiss
Joe Reece Robinowitz
Sharon Ann Robinson
Thomasina Venese Rogers
Regine Schlesinger
Joseph Schlesinger
Michael Lee Schwanz
Webb Alan Shaw
Linda Amanda Smith
Toby Ann Smith
Leslie Gail Spencer
Edward Steven Stecki
Michelle Stevens
Joanne Kirchoff Stockton
Wayne Alan Swanson
Nancy Lynn Szokan
Cynthia Hadleigh Taft
Polly Beth Taylor
Neil Andrew Tesser
Abraham J. Tetenbaum
Stephen Michael Twomey
Thomas Wayne Tyler
Martha Anne Wahlen
Alan Jay Weiss
Max Emmett Whyers
Earl Wilborn
Linda Karen Wilson
Stephen Richard Winters
Karen Lea Wolfson
Stuart Zanger
Judith Claire Zeman
Edward F. Zotti

THE SCHOOL OF EDUCATION

Candidates presented by DEAN B. J. CHANDLER

BACHELOR OF SCIENCE IN EDUCATION

Randolph Curry Anderson
Kathleen Ann Andrews
Nancee Elaine Bailey
Craig Edward Bauer
Martin Howard Bauman
Margaret Landis Benning
Bruce R. Berger
Robert Munhall Beutel
John Simeon Block
Rebecca Jo Bouwsma
Pamela Fern Brownie
Gail Patricia Canning
Margaret Leigh Christy
Martha Cogen
Candace Robin Cole
Elaine Marie Conway
Johnny Alvin Cooks
Maria Antoinette Crider
Dorothy Currin
Susan Louise Davis
Timothy Coles Dennison
John Joseph Derning, Jr.
Carolyn Ann Dirkes
Roberta Lynn Dorf
Howard William Duerr
Claudia Canary Edwards
Nancy Ellis
Marcy Barbara Ferdinand
Rial Merlin Flesher
Mark Gerald Giangrande
Myra Bernice Goldberg
Diane Lorraine Gott
Sandra Lee Goldberg
Margie Sue Morrison Gritton
Peggy Lynn Grossman
Wilson James Guilianelli
Susan Hageman
Jean Elizabeth Hale
Donna Marie Hanzalik
Holly Kathryn Harms
Lillie Donna Harper
Rodney Alan Harvey
James Frantz Herr
John William Hubbell
Donna Lynn Kaner
Alan Michael Kaplan
John Thomas Keane
Carol Jean Kottner
Andrea Sue Genser Kowaloff
James Verle Lash
Maureen A. Leahy
Robert Ray Lebron
Nancy Ellen Levin
Joelle Beth LeVine
Joanne Earhart Lindquist
Donna Jean Littlejohn
Sharon Elizabeth Lomax
Barbara Jane Look
Michael John Manos
Modell Marlow
Barbara Lynn Marquardt
Donald Lester Michelin
Karen Hallstrand Miller
Marjorie Joan Miller
Rhonda Faith Miller
Jimmie McKinley Moore
Patricia Anne Mourant
Sandra Jean Mulert
Deberah McLaurin
Anita Lynn McClure
Patrick Robert McNamara
Douglas Arthur Newman
Frances Jeanne Nixon
Virginia Fleiss Orzac
Barry Lynn Pearson
Janice Marcia Portnoy
Edward Francis Quaerna
Janice Marie Rago
Lawrence Alan Renfrow
Juanita Kay Repta
Louise Birch Reynolds
Richard Rukin
Annette Sacks
Jane Ann Schall
Christine Anne Schlegel
Carol Ann Schmidt
Robin Ellen Schoenburg
Steven Michael Serikaku
Mary Robert Shinkle
Robin Lee Shurmer
Gail Susan Shuster
Sheila Hope Stender
Laura Anne Tabbert
Barbara Jean Talbott
Martha Metcalfe Taylor
Mark Edward Trachtenbarg
Deanne Lee Gilmour Tracy
Jeanne Louise Valentine
Carol Lee Woldvogel
Deborah Ann Weinstein
Sheryl Ann Wender
Kimberly Anne Wick
Judith Selman Zawojewski

THE TECHNOLOGICAL INSTITUTE

Candidates presented by DEAN BRUNO A. BOLEY

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

James Walter Bonham
Burke Frederick Brush
Bernard S. Camponeschi
Harrison Afolabi Dixon
Edward M. Ejzak
Thomas Keith England
Thomas Bogue Faulkner
James Austin Felts
Thomas Clarence Forestek
Edward Carl Frelka
Michael Joseph Gradassi
Richard Henry Karst
Mose Levi
Steven Douglas Look
Glenn Alan Ousterhout
William S. Reed
David Mitchel Reiss
Curtis Micheal Richards
Anne Veronica Schwartz
Dale Martin Sopocy
Gary C. Streicher
Sanford L. Test
Grant Tiefenbruck
Matthew Vincent Tirrell III
Joel Nathan Weber

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Angelo Joseph Accetta
William Edwin Battjes
James Stephen de Bettencourt
Maria Vaughan Frey
William George Hohle, Jr.
Joseph J. Hosanna, Jr.
Wayne Kenneth Kittelson
Melvin Masa Kutaka
Thomas Richard McGough III
Mary S. Muhlhan
Louis George Neudorff II
Jeffrey Arthur Riemer
John Michael Robinson
John J. Rohr
Alvin W. Ruck, Jr.
Joel Gordon Sjostrom
Albert Lewis Worthem, Jr.

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

William P. Gibbons, Jr.
Russell Charles Jucovics
Daniel Dennis Koolish
Thomas Raymond Mantz
Lee H. Theusch

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Niso Abuaf
Ralph Aaron Barbakoff
Philip A. Bettendorf
John Louis DeAngelis, Jr.
Joseph Paul Fredrick
Michael Robert Gram
David Jacy
Dale Charles Jessen
Emmett R. Kronauer III
Zygmunt Blais Krupowicz
William M. Kushner
Hoi-Sing Kwok
Alan Duane Loftus
Rosemary R. McNally
Jeffrey Austin Moore
Barbara Jo Mueller
James Charles Mutzabaugh
Russell Wayne Neuhaus
Harvey S. Newman
Ivan Dexter Newton
John Kennedy Nicholson
William Chambers Place
David Gordon Ramsland
David L. Richardson
Daniel W. Richy
Walter E. Ringen III
Gary Joseph Ruggiero
Arthur John Schubert, Jr.
John T. Spies
Thomas James Stewart
Richard Steven Straedey
Richard VanOllefen

Ronald M. Voigt
Ronald G. Wesoloski
John Decker Wherry II
Larry Michael Wolfrum
Thomas M. Wolpert
Gary Alan Wray
Amir Houshang Zafaranloo

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

William Paul Baldauf
Norman Bruce Coates
Scott Ziegler Harlan
Alfred Michael Jaeger
David Alan Lewis
Keith Irl Mulford
William B. Nelson
Ilhan Or
Charles S. Pawlak
Joseph W. Ratterman
Crighton Mark Scholefield
Douglas A. Smith
Jerry Warren Smith
Gary M. Spannuth
Frederick Michael Surprison
Thomas J. Wertz
Craig Stuart Wilson

BACHELOR OF SCIENCE IN MATERIALS SCIENCE

Clyde Edward Henderson
Joseph Charles Oppenheim
Ronald J. Tabar
Susan L. Wright

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Robert B. Butterworth
James Robert Butz
Thomas Wai Shue Chin
Steven Shin Chiu
Kenneth M. Dale
Albert Elhadef
Robert Elliott Glandon
Jonathan Ira Hattis
Philip David Hattis
Steven Reed Heckmann
Dennis Alan Hill
Philip R. Jeuck III
Nathan H. Little
Patricia A. Nassano
Carl David Peterson
Levy I Serebrenik Ch.
Steve Shivvers
David Sam-Hung Wan
Richard Mark Wilson

BACHELOR OF SCIENCE IN SCIENCE ENGINEERING

John Wesley Baker III
Laural Louisa Briggs
Kai C. Chan
Edward Richard Crass
William E. Fairfield
Donald Alan Grote
Donald Dean Grover
Thomas Peter Henry
Gregory Jay Langford
David E. Olsho
David R. Simpson
Scott Edward Szalanski

BACHELOR OF SCIENCE

Ray Edward Drasga, Jr.
Judith Ann Dusold
Richard A. Jorgensen
Richard Edward Plotzker
Richard A. Zellmer

THE GRADUATE SCHOOL

Candidates presented by DEAN ROBERT H. BAKER

DOCTOR OF PHILOSOPHY

Joseph William Amshey, Jr., B.A., The Johns Hopkins University, 1967; M.S., Northwestern University, 1968. Chemistry. *Mechanism of Deacylation of Substituted Benzoyl-Chymotrypsins.*

David O'Neil Anderson, B.A., Allegheny College, 1969; M.A., Northwestern University, 1970. Education. *Computer Assistance for the Diagnosis of Learning Disabilities.*

Sandra Mosher Anderson, B.A., Duke University, 1964; M.A., Northwestern University, 1965. German. *Words and Word in Theological Perspective: Martin Luther's Views on Literature and Figurative Speech.*

Albert N. Andry, Jr., B.S., University of Notre Dame, 1969. Theoretical and Applied Mechanics. *Extremum Principles for Optimal Control in Normed Linear Spaces.*

George John Antos, B.S., Iowa State University, 1968; M.S., Northwestern University, 1969. Chemistry. *Alkene Hydrogenation on Chromia Catalysts.*

Douglas Kentish Archer, B.Th., Canadian Union College, 1964; M.A., Andrews University, 1965. Education. *The Educational System and Nation Building in Jamaica, 1944-70.*

James Anthony Armstrong, Jr., B.M.E., University of Detroit, 1966. Mechanical Engineering. *In Investigation of the Physical Properties of Small Molecular Clusters Formed Via Homogenous Nucleation in Nozzle Beams.*

Irwin Michael Aronson, B.A., Baylor University, 1963. History. *Russian Bureaucratic Attitudes Toward Jews, 1881-1894.*

John James Arrotti, B.A., St. Mary's College, 1967. Biochemistry. *The Molecular Architecture of the Human Erythrocyte Membrane.*

Douglas Daniels Ashley, B.M., Northwestern University, 1959; M.M., 1960. Music. *The Role of the Piano in Schumann's Songs.*

Gary Francis Austin, B.A., University of Northern Colorado, 1967; M.A., 1968. Speech. *Knowledge of Selected Concepts Attained by the Deaf Adolescent Population.*

Leslie Badanes, B.A., University of Rutgers, 1963; M.A., Northwestern University, 1964. German. *The Grotesque in Friedrich Dürrenmatt's Stage Plays.*

Adrienne Yvonne Bailey, B.A., Mundelein College, 1966; M.Ed., Wayne State University, 1969. Education. *A Study of State and Local Efforts Within Illinois Toward Community College Education for the Disadvantaged.*

David K. Banner, B.S., University of Texas, 1963; M.B.A., University of Houston, 1968. Management. *An Analysis of the Power and Influence Processes That Affect Organizational Decision-Making with Regard to the Evaluation of an Experimental-Demonstration Social Action Program: An Empirical Investigation of the Opportunity Funding Corporation.*

Thomas D. Barbour, B.S., Carroll College, 1964; M.A., University of Wisconsin, 1970. Education. *An Evaluation of Recent Studies of Elementary and High School Student Language.*

Theodore John Bargmann, B.A., North Central College, 1963; M.S., University of Illinois, 1966; B.M., American Conservatory of Music, 1968; M.M., 1972. Education. *An Investigation of Elementary School Grade Levels Appropriate for Teaching the Metric System.*

Ronald Curtis Barrett, B.E.E., University of Florida, 1963; M.E.E., 1964. Electrical Engineering. *Scan Conversion Algorithms for a Cell Organized Raster Display.*

Carl Francis Bauer, B.E.E., University of Dayton, 1966; M.S., Northwestern University, 1969. Materials Science. *Characterization of Trapped-Hole Defects Induced by Ionizing Radiation in Pure and Iron-Doped Aluminum Oxide.*

Shirley Lewis Baugher, B.S., Northwestern University, 1952; M.A., 1965. Education. *The Theory and Use of the Case Study in the Social Sciences and the Social Studies.*

Roger L. Baumeister, B.S., Northern Illinois University, 1952; B.D., Garrett Theological Seminary, 1956; M.A., Northwestern University, 1957. Speech. *The Concept of Dialogue of Reuel L. Howe.*

Martha Sievers Bazik, B.A., Northern Illinois University, 1964; M.A., Northwestern University, 1968. Spanish. *The Life and Works of Luis Carlos López.*

Nancy Graybill Becker, B.A., Juniata College, 1964; M.A., Northwestern University, 1968. Speech. *A Study of the Effects of Posture on Durational and Rate Measure of Breathing of Athetoid Cerebral Palsied Children and Normal Children.*

Lillian Smith Bell, B.S.J., Northwestern University, 1945; M.A., Case-Western Reserve University, 1955. Journalism. *The Role and Performance of Black and Metro Newspapers in Relation to Political Campaigns in Selected, Racially-Mixed Congressional Elections: 1960-1970.*

Nancy Jamison Bell, B.A., Allegheny College, 1963; M.A., Northern Illinois University, 1971. Psychology. *Sex of the Source and Other Factors Influencing the Attribution of Aggressiveness to Statements.*

Sherman Beverly, Jr., B.A., Bishop College, 1951; M.A., Illinois Teachers College, 1967. Education. *The Emergence of Black Political Power in Evanston: The Public Career of Edwin B. Jourdain, Jr., 1931-1947.*

Thomas Clifford Bibb, B.S., Alabama State University, 1960; M.Ed., 1961. Education. *Toward a Theory of the Development and Improvement of Critical Thinking Skills in a Classroom in English.*

Jack Arnold Bils, B.A., Knox College, 1965; M.A.T., Northwestern University, 1966. Education. *The Relationship of Particular Secondary School Course Grading Systems to the Nature of the Organizational Systems and the Presence of Individualization of Instruction.*

Louis S. Block, B.A., University of Florida, 1969; M.S., Northwestern University, 1971. Mathematics. *Bifurcation of Endomorphisms of* S^1.

James Edward Bourdeau, B.S., Northwestern University, 1970. Pathology. *Serum Albumin Uptake in Isolated Perfused Renal Tubules.*

John R. F. Bower, B.A., Harvard College, 1957; M.A., Northwestern University, 1968. Anthropology. *Early Cultures of Sub-Saharian Africa With Special Reference to Southern Africa.*

Sylvia Patience Brehm, B.A., University of Kansas, 1969. Biological Sciences. *A Phage Lytic Enzyme System of* BACILLUS STEAROTHERMOPHILUS.

Paul Stanley Breidenbach, B.A., St. Mary's College, 1963; M.A., Northwestern University, 1969. Anthropology. *Sunsum Edwuma: The Spiritual Work: Forms of Symbolic Action and Communication in a Ghanaian Healing Movement.*

Howard Joseph Brickman, B.A., Syracuse University, 1966; M.A., Northwestern University, 1968. Political Science. *Toward an Integrated Earth System: The European Model of the Integrative Process.*

Paul Keith Broder, B.S., University of Illinois, 1969; M.A., Northwestern University, 1972. Psychology. *Multiple-Choice Recognition as a Function of the Relative Frequencies of Correct and Incorrect Alternatives.*

George William Brooker, Jr., B.A., Northwestern University, 1957; M.B.A., 1968. Management. *The Self-Actualizing Consumer: A Personality Test to Identify Consumer Targets for Social Products.*

Charles Eric Brown, B.A., SUNY at Buffalo, 1968. Chemistry. *The Biosynthesis of Vitamin* B_{12}*: A Study Using* ^{13}C *Magnetic Resonance Spectroscopy.*

Judith Adele Brown, B.A., Whittier College, 1966. Biological Sciences. *Temporal Patterns of Geophysically Dependent Fluctuations in Spontaneity of the Mouse,* MUS MUSCULUS.

Olga Browning, Eq. of B.A., University of Ljubljana, 1964; M.A., Northwestern University, 1967. Slavic. *A. S. Pushkin,* The Songs of the Western Slavs: *A Study in Creative Folklorization.*

Lawrence Dow Bryan, B.A., Muskingum College, 1967; M.Div., Garrett Theological Seminary, 1970. Religion. *The Understanding of Jesus Christ in the Theology of John B. Cobb, Jr.: A Study of the Position of Christology Within a Christian Adaptation of Whiteheadian Organismic Philosophy.*

Judith Kuafman Budz, B.A., University of Michigan, 1965; M.A., Tufts University, 1966. English. *Nathaniel Hawthorne and the Visual Arts.*

Ann C. Bugliani, A.B., DePaul University, 1964; M.A., Northwestern University, 1966. French. *Women and the Feminine Principle in Claudel's Works.*

Norma Kathryn Rice Bullock, B.A., University of Colorado, 1967; M.S., Northwestern University, 1969. Chemistry. *A Polarographic Study of Homogeneous Coupled Chemical Reactions in Aqueous Media.*

Marcus Loy Bunting, B.S., University of Illinois, 1966; M.S., 1967. Industrial Engineering. *Projection and Reduction of Nonconvex Programming Problems.*

Lester Norman Caltvedt, B.A., Luther College, 1964; M.A., Northwestern University, 1967. German. *Oskar Matzerath, a Modern Version of the Fool: An Analysis of Günter Grass' Blechtrommel.*

Robert J. Calsyn, B.S., Loyola University, 1968; M.A., Northwestern University, 1971. Psychology. *The Pattern of Causal Predominance Between Self-Esteem, Locus of Control, and Scholastic Achievement: A Cross-Lagged Panel Analysis.*

Warren R. Carlin, B.A., St. Bonaventure University, 1955; M.A., Laval University, 1961. French. *Montaigne: Movement and Mask, a Study of the Dualism of the Essais.*

Vudhichai Chamnong, B.Ed., College of Education (Thailand), 1964; M.P.A., National Institute of Development Administration (Thailand), 1966; M.B.A., Michigan State University, 1969. Management. *Attitudes, Commitments, and Decisions: A Study of Intercultural Socialization.*

Dean W. Chandler, B.A., Harvard College, 1967. Chemistry. *Fluorescence Lifetimes of Single Vibronic Levels in Naphthalene Vapor.*

Berner Shi Chesnutt, B.S., Auburn University, 1965; M.S., University of Virginia, 1968. Speech. *Simultaneous Recording of Cochlear Microphonic Potential and Auditory-Nerve Single Unit Discharges in Guinea Pig.*

Tony Poon-Chiang Chi, B.Th., Trinity Theological College (Singapore), 1965; M.A., Northwestern University, 1970. Religion. *A Case Study of the Missionary Stance of the Ahmadiyya Movement in North America.*

May Elizabeth Chin, B.S., The Ohio State University, 1954; M.S., California State College, 1966. Speech. *Thresholds for the Binaural-Beat Stimuli as a Function of the Interaural Noise Correlation.*

Martin K. Christensen, B.S., University of Illinois, 1966; M.S., Northwestern University, 1969. Civil Engineering. *Field Solutions for Large Regular Frameworks Under Initial Stress.*

Kyong Chul Chun, B.S., Seoul National University, 1960; M.S., 1962; M.S., University of Missouri, 1964. Civil Engineering. *Capacity of Ferric Oxide Particles to Oxidize Sulfur Dioxide.*

Maria Anthony-Felix Comninou, Eq. of B.S., National Technical University of Athens, 1970; M.S., Northwestern University, 1971. Civil Engineering. *Angular Dislocation in a Half-Space.*

Patricia Woodall Crigler, B.S., Mississippi State College for Women, 1961; M.Ed., Georgia State University, 1969. Education. *Significant Variables Indicative of Commitment to the Women's Movement.*

Mehmet Cultu, B.Sc., Middle East Technical University (Turkey), 1964; M.Sc., 1966. Electrical Engineering. *Equivalent of Large Systems.*

Melitta J. Cutright, A.B., University of Illinois, 1966. History. *Sir Richard Fanshawe: The Elegant Amateur.*

Harvey Atwood Daniels, B.A., Northwestern University, 1969; M.A.T., 1970. Education. *Bi-Dialectalism: A Policy Analysis.*

Henry Stedman Davis, A.B. McKendree College, 1966; M.Div., Garrett Theological Seminary, 1969. Religion. *The Role of a Crisis Intervention Treatment in the Patient's Recovery from Elective Surgery.*

Vivian I. Davis, A.B., Ball State Teachers College, 1954; M.A.T., University of Chicago, 1969. Education. *An Heuristic Analysis of Some Features of Teacher Language.*

Sonia Gisele de Lama, B.A., Roosevelt University, 1967; M.A., 1968. Spanish. *Las Estampas de Eladio Secades Publicadas en* ZIG-ZAG LIBRE.

Dallas P. Dickinson, A.B., Princeton University, 1966; M.A.T., Northwestern University, 1967. Education. *On Account he Ain't Had a Normal Home: An Intellectual History of the Concept of "Disadvantagedness" in Education.*

Harold Edmond Dolenga, B.S., United States Naval Academy, 1956; M.B.A., Harvard University, 1963. Management. *An Analytical Case Study of the Policy Formation Process (Postal Reform and Reorganization).*

James Prentice Dolian, A.B., Colby College, 1963; M.A., Northwestern University, 1964. Political Science. *The Military and the Allocation of National Resources: An Examination of Thirty-Four Sub-Sahara African Nations.*

Don Harrison Doyle, B.A., University of California, 1967. History. *Chaos and Community in a Frontier Town: Jacksonville, Illinois, 1825-1860.*

Paula Jo Dubeck, B.A., Wittenberg University, 1966; M.A., Northwestern University, 1968. Sociology. *Membership Experiences and Voluntary Organization Maintenance: A Case Study of a Political Organization.*

William David Duke, B.S., Chicago State University, 1965; M.Ed., Loyola University, 1969. Education. *The Conceptual Problems Involved in Developing a Structural and Academically Approved Study of Black People in Relation to the Establishment of a Curriculum in Black Studies.*

Mohamad-Jawad Asgharpour-Ebrahim, B.S., Iranian Military Academy, 1962; M.S., Tehran University, 1967; M.B.A., Illinois Institute of Technology, 1970. Management. *Managerial Attitudes-Performance Relationship in Iranian Military Organization.*

Tuncer B. Edil, B.S., Robert College (Turkey), 1967; M.S., 1969. Civil Engineering. *Influence of Fabric and Soil Water Potential on Stress-Strain Response of Clay.*

Heidi Schuhr Erlich, A.B., Brandeis University, 1964. Political Science. *Acra, Ghana: Politics in an African City as Illustrated by a Comparison of Two Neighborhoods.*

Gerald Arthur Fehr, B.M.E., Marquette University, 1961; M.S., 1963. Materials Science. *A Study of Defect Complexes in Manganese-Doped Sodium Fluoride.*

Paula Chegwidden Felt, B.A., Oberlin College, 1967; M.A., Northwestern University, 1968. Anthropology. *The Environmental Movement in Montreal: The Social Organization of Problem-Solving Associations.*

William Joseph Filstead, B.A., St. Joseph's College, 1966; M.A., University of Hawaii, 1968. Sociology. *The Natural History of a Personal Problem.*

Klaus Günter Fischer, B.S., Lafayette College, 1966; M.A., Syracuse University, 1968. Mathematics. *The Module Decomposition of I(A/A).*

Roy Charles Fleming, Jr., B.S., Miami University, 1958; M.A., Northwestern University, 1963. Education. *A Formative Evaluation of an Affective Education Program Involving Fourth and Fifth Grade Level Children.*

David H. Florio, B.S., University of Illinois, 1967; M.S., 1970. Education. *Organizational Cooperation for Educational Development.*

John Erwin Franke, B.A., Luther College, 1968. Mathematics. *Contracting Endomorphisms on Compact Manifolds.*

Baylor Price Gibson, Jr., B.S., Virginia Military Institute, 1943; M.A., Northwestern University, 1970. Education. *An Analysis of the Intellectual-Cultural Environment of a Complex University.*

Peter Judson Gingiss, B.A., Colgate University, 1963; M.A., Northwestern University, 1966. Linguistics. *Worodugukan: A Comparative and Descriptive Study.*

Mark Glazer, B.A., Robert College (Turkey), 1958; M.A., University of Istanbul, 1962. Anthropology. *Psychological Intimacy Among the Jews of North Metropolitan Chicago and the Sephardic Jews of Istanbul, Turkey.*

Donald Glover, B.S., University of Redlands, 1968. Chemistry. *A Study of AC Polarography in the Harmonic-Multiplex Mode.*

Martin Goldberg, A.B., B.E.E., Union College, 1965; M.S., Northwestern University, 1968. Industrial Engineering. *A Methodology for the Evaluation of Information System Usage.*

Michael N. Goodkind, B.S., Rutgers University, 1965; M.S., Iowa State University, 1967. Civil Engineering. *Reinforced Concrete Beams Failing in Shear.*

Kenneth Robert Gordon, B.A., The State University of Iowa, 1967. Management. *Optimal Ordering and Backorder Filling Policies in a Hierarchical Inventory System.*

Judy Goddess Gottsegen, B.A., University of Chicago, 1958; M.A., Northwestern University, 1967. Education. *The Relationship of Selected Concepts in John Dewey's Philosophy of Education to the Free School Movement.*

Peter Nils Grabosky, B.A., Colby College, 1966; M.A., Northwestern University, 1970. Political Science. *Dehumanization: Structural Determinants of the Abdication of Civil Responsibility.*

Carol J. Galles Grimes, B.A., Immaculate Heart College, 1968. Chemistry. *Exchange Reactions of Five-Coordinate Nickel (II) Complexes.*

Eugene Carl Grochowski, B.A., Northwestern University, 1969. Pathology. *Cell Volume Regulation in Myocardial Tissue Slices Following Metabolic Inhibition and Autolysis.*

Dinesh C. Gupta, B.Sc., Madhav Engineering College (India), 1963; M.E., University of Roorkee (India), 1965. Civil Engineering. *Coupled Sliding and Rocking of Harmonically Excited Continuous Foundations.*

Genevieve M. Hajduk, B.A., Ph.B., University of Paris, 1941; M.A., Northwestern University, 1968. French. La Reconnue *de Remy Belleau: Edition Critique.*

Mary Beatrice Haldane, B.S., The Ohio State University, 1966; M.A., 1968. Education. *Leaderless Group Discussion Method as an Effective Procedure for Selecting Residence Hall Counselors.*

Robert Pinckney Hall, B.A., Earlham College, 1964; M.A., Northwestern University, 1966. Education. *An Examination of the Effect of Video Tape Playback in a Counselling Practicum Which Includes Group Counseling.*

Douglas Alan Halsted, B.A., Hastings College, 1958; M.A., Northwestern University, 1961. Education. *A Comparison of Two Methods of Teaching Molecular Architecture to High School Chemistry Students.*

Hugh Fleece Halverstadt, A.B., King College, 1960; M.Div., Union Theological Seminary, 1963. Religion. *The Church as Organization: A Theoretical Argument.*

Susan Easton Hanson, A.B., Middlebury College, 1964; M.S., Northwestern University, 1969. Geography. *Information Levels and the Intra-Urban Travel Patterns of Swedish Households.*

Kathy A. Harms, B.A., DePaul University, 1962; M.A., Northwestern University, 1963. German. *Formale Aspekte im Romanwerk Theodor Fontanes.*

Paul W. F. Harms, B.A., Concordia Seminary, 1945; B.D., 1948; S.T.M., 1954; M.A., Northwestern University, 1957. Speech. *C. S. Lewis as Translator.*

Frederick Sellens Harrod, B.A., Carleton College, 1967; M.A., Northwestern University, 1969. History. *Enlisted Men in the United States Navy, 1899-1939.*

David Thomas Hartgen, B.S., Duke University, 1966; M.S., Northwestern University, 1967. Civil Engineering. *Attitudinal and Situational Variables on Urban Mode Choice.*

Ibrahim Servet Harunoglu, B.Sc., Robert College (Turkey), 1968; M.S., Northwestern University, 1970. Electrical Engineering. *Control of Linear Systems With Incomplete Measurements and Persistent Disturbances.*

Motozo Hayakawa, B. Eng., Osaka University (Japan), 1966. Materials Science. *X-Ray Diffraction Studies of Wüstite at High Temperature.*

Ramesh Relumal Hemrajani, B.Ch.E., University of Bombay (India), 1967; M.S., Northwestern University, 1969. Chemical Engineering. *Modeling of a Three Phase Reaction System.*

Bernard Paul Henri, B.A., Boston College, 1968; M.Ed., Boston University, 1969. Speech. *A Longitudinal Investigation of Patterns of Language Recovery in Eight Aphasic Patients.*

Peter Wilkinson Howitt, B.A., McGill University, 1968; M.A., University of Western Ontario, 1969; Economics. *Studies in the Theory of Monetary Dynamics.*

Deh Yuan Hsu, B.S., National Taiwan University, 1964; M.S., Northwestern University, 1968. Civil Engineering. *The Effects of Aluminum Hydroxide on the Conventional Wastewater Treatment Processes.*

Mei-Yung Hsu, B.S., National Taiwan University, 1965. Biochemistry. *On the Mode of Action of Certain Inhibitors on Purified Mitochondrial Monoamine Oxidase of Beef Liver.*

Paul L. Hummel, B.S., University of Hawaii, 1957; M.S., University of Nebraska, 1960. Civil Engineering. *Engineering Characteristics of Polluted Dredgings.*

Patricia Anne Jacobs, B.S., Northwestern University, 1968; M.S., 1971. Applied Mathematics. *Functionals of an Infinite Particle System With Creation and Annihilation.*

Robert Edgard Jacot, B.A., Cornell College, 1966; M.A., Northwestern University, 1968. Philosophy. *Existentialism, Naturalism and the Philosophy of History.*

Allen Dean Jedlicka, B.A., San Diego State College, 1965. Industrial Engineering. *Technology Transfer at the Village Level: A Study of Communication Between Agricultural R & D Sources and Peasant Users of Agricultural Technology in Mexico.*

Bruce Champney Johnson, B.A., University of North Carolina, 1965; M.A., Northwestern University, 1967. Linguistics. *Language Use at Larteh, Ghana: A Sociolinguistic Study of a Bilingual Community.*

Howard Cornelius Johnson, B.S., Chicago State University, 1965; M.S., 1968; M.S., University of Illinois, 1971. Education. *The Effects of Advance Organizers on the Child's Egocentric Thinking and Centration in Learning Selected Mathematical Concepts.*

Michael Evart Johnson, B.S., University of Wyoming, 1968; M.S., Northwestern University, 1970. Physics. *Structure and Function of Alamethicin.*

David Alan Jones, B.A., Oberlin College, 1959; B.D., Union Theological Seminary, 1962; M.A., Northwestern University, 1967. History. *The Social and Political Thought of Horace Bushnell: An Interpretation of the Mid-Nineteenth Century American Mind.*

Sylvan Sol Kalib, B.M., DePaul University, 1958; M.M., 1963. Music. *Thirteen Essays from the Three Yearbooks* Das Meisterwerk in der Musik *by Heinrich Schenker: An Annotated Translation.*

John Richard Kane, B.S., University of Pittsburgh, 1968; M.S., Northwestern University, 1970. Computer Science. *Control Fault Detection in Stored-Program Systems.*

Yuen-Koh Kao, B.S., National Taiwan University, 1964; M.S., Northwestern University, 1968. Chemical Engineering. *Singular Perturbation Techniques in Chemical Engineering Design.*

Alan Francis Karr, B.S., Northwestern University, 1969; M.S., 1970. Applied Mathematics. *Weak Convergence Theorems for Some Infinite Particle Systems.*

Joseph Mossman Kaufert, B.A., University of Minnesota, 1966; M.A., Northwestern University, 1968. Political Science. *Impact of Multiple Ethnic Loyalties and Linkages Upon Integration Potential Among Student Elites in Ghana.*

Folke Tyko Kihlstedt, A.B., Dartmouth College, 1962; M.A., University of Pennsylvania, 1967. Art History. *Formal and Structural Innovations in American Exposition Architecture, 1901-1939.*

Nancy Bentzel Kinderman, B.S., Wheaton College, 1966; M.S., Northwestern University, 1970. Biological Sciences. *Studies of Oogenesis in* Drosophila virilis.

Martha Kishner, B.A., University of Michigan, 1968; M.A., Northwestern University, 1970. Education. *An Empirical Study of the Cultural Bias in Test Standardization.*

Robert Joseph Kolesar, A.B., Xavier University, 1961; M.S., 1962. Mathematics. *Evaluation of the James Map in 2-Primary bo-Cohomology.*

Philip C. Kolin, B.S., Chicago State College, 1966; M.A., University of Chicago, 1967. English. *The Elizabethan Stage Doctor as a Dramatic Convention.*

James Allen Kuhlman, B.S.J., Northwestern University, 1963; M.A., 1968. Political Science. *Technical Coordination Among Comecon Countries: A Comparative Analysis of East European Foreign Politics.*

Hsin-Hsiu Kuo, B.S., Taiwan Cheng Kung University, 1965; M.S., South Dakota School of Mines and Technology, 1968. Civil Engineering. *Vibrating Dislocations and Circular Disclinations in Elastic Media.*

John Wesley Zvomunondita Kurewa, B.A., Asbury College, 1964; B.D., Garrett Theological Seminary, 1967; M.A., Northwestern University, 1971. Religion. *Towards an African Concept of the Church: The Self-Consciousness of the United Methodist Church in Rhodesia (1897-1972).*

Ying-San Lai, B.S., National Taiwan University, 1960; M.S., State University of Iowa, 1963. Theoretical and Applied Mechanics. *A Direct Search Method for Optimization of Structural Systems with Discrete Variables.*

Herbert Rodney Landes, B.A., Occidental College, 1967; B.D., Princeton Theological Seminary, 1970. Religion. *Treatment of Anxiety in the Families of Children Undergoing Tonsillectomy.*

Patricia Sai-Hin Young Lee, B.A., University of Hawaii, 1965; M.A., Columbia University, 1966. French. *Normes et Structure dans* Raoul de Cambrai.

Shaw-guang Lee, B.S., National Taiwan University, 1967. Biochemistry. *The Oxygenative Metabolism and Metabolic Effects of the Oral Contraceptive Steroids.*

Dennis Lehman, B.Sc., The Ohio State University, 1967; M.S., Northwestern University, 1968. Chemistry. *Reaction of Lewis Acids With Square Planar Thodium(1) Complexes.*

John Robert Leo, B.A., Yale University, 1965; M.A., Northwestern University, 1967. English. *Visualized Triumph Patterns in Shelley: A Phenomenological Reading.*

Jean Harvey Lightfoot, B.A., Fisk University, 1957; M.A., University of Chicago, Education. *An Innovative Approach to Interdisciplinary Curriculum Development Utilizing Multi-ethnic Literature.*

Shih-Chuan Lin, Eq. of B.S., Taipei Institute of Technology, 1962; M.S., University of Mississippi, 1969. Civil Engineering. *Ellipsoidal Inclusion Problems in Anisotropic Media.*

James Duncan Lindsey, A.B., University of California, 1969; M.A.T., Antioch College, 1971. Education. *Reflective Inquiry into the Social Construction of Mental Illness by Hospitalized Adolescents.*

Carolyn Fluehr-Lobban, B.A., Temple University, 1967; M.A., 1969. Anthropology. *An Anthropological Analysis of Homicide in an Afro-Arab State, The Sudan.*

Richard Andrew Lobban, Jr., B.S., Bucknell University, 1966; M.A., Temple University, 1968. Anthropology. *Social Networks in the Urban Sudan.*

Ronald William Lodewyck, B.S., Illinois Institute of Technology, 1965; M.S., Northwestern University, 1966. Industrial Engineering. *Line Balancing for Batched Assembly.*

Byron Hepler Long, A.B., Denison University, 1967. Biochemistry. *Qualitative and Quantitative Changes in Lipids With Differentiation in the Cellular Slime Mold* DICTYOSTELIUM DISCOIDEUM.

Douglas McNeil Lorenz, A.B., The College of Wooster, 1965. Geological Sciences. *Edenian (Upper Ordovician) Benthic Community Ecology in North-Central Kentucky.*

Johan Ludvik Lövald, Eq. of B.A., University of Oslo, 1967; M.A., Purdue University, 1968. Political Science. *Planning the Future of Ocean Space: A Case Study of the United Nations Sea-Bed Committee, 1968-1970.*

Fang-Chen Luo, B.S., Taiwan Cheng Kung University, 1966; M.S., Northwestern University, 1969. Electrical Engineering. *Study of InSb Thin-Film Transistor.*

William Patrick Francis Malone, D.D.S., Northwestern University, 1955; M.S., University of Illinois, 1964. Education. *A Study of the Delphi Technique as an Instrument for Establishing Curriculum Revision Criteria in Dental Schools.*

Jane Connor Marcus, A.B., Radcliffe College, 1960; M.A., Brandeis University, 1965. English. *Elizabeth Robins.*

Robert Howard Marion, B.Eng., Stevens Institute of Technology, 1967. Materials Science. *X-Ray Stress Analysis of Plastically Deformed Metal.*

Priscilla Herron Pugh Matheny, B.S., Northwestern University, 1966; M.A., 1969. Education. *A Study of the Attitudes of Selected Male and Female Teachers, Administrators, and Board of Education Presidents Toward Women in Educational Administrative Positions.*

Hilda-Njoki McElroy, B.S., Xavier University, 1945; M.A., Northwestern University, 1970. Speech. *Traditional Wit and Humor in Pan-Afrikan Drama.*

James C. McFarland, B.S., University of Utah, 1966; M.A., San Francisco State College, 1968. Speech. *Dialogical Communication and its Relationship to Self-Actualization.*

William Craig McGaghie, B.S., Western Michigan University, 1969; M.A., Northwestern University, 1971. Education. *Design and Evaluation of a Training Program to Prepare Graduate Students for College Teaching.*

Mel Irwin Mendelson, B.S., University of California, 1964; M.S., Northwestern University, 1966. Materials Science. *Fracture Behavior of Iron-Iron Oxide Composites Produced by the Decomposition of Wüstite.*

David Joseph Mescheloff, Ph.B., Northwestern University, 1966; M.S., 1968. Mathematics. *A Comparison of Two Constructive Methods for Bifurcation Theory.*

Nancy Davis Metzel, B.A., Northwestern University, 1958; M.A., 1961. Philosophy. *Lived Space: A Critical Introduction to Eugene Minkowski's* LIVED TIME.

Arthur Hawks Miller, Jr., B.A., Kalamazoo College, 1965; M.A., University of Chicago, 1968. English. *Herman Melville: A New Biographical Profile.*

Warren F. Miller, Jr., B.S., United States Military Academy, 1964; M.S., Northwestern University, 1970. Nuclear Engineering. *Application of Finite Elements to One-and-Two-Dimensional Neutron Transport.*

David Brown Mirza, B.A., Earlham College, 1958. Economics. *The United States Balance of Payments, the International Liquidity Problem, and the Usefulness of the Dollar as a Form of International Liquidity.*

Evelyn Alice Moore, B.S., University of Denver, 1958; M.S., Case-Western Reserve University, 1961. Industrial Engineering. *Information-Seeking Behavior and Work-Group Functioning Among Medical Students.*

Marilyn Wood Morgan, B.A., Western Washington State College, 1968; M.A., Northwestern University, 1969. Anthropology. *Navajo Suicide: Cultural Etiology of Suicide Behavior and Variant Patterns of Cultural Knowledge About Suicide.*

Howard Ernest Mueller, B.A., North Central College, 1958; B.D., Evangelical Theological Seminary, 1961; S.T.M., Yale Divinity School, 1962. Religion. *Formation of a Mission Church in an African Culture: The United Brethren in Sierra Leone.*

Cynthia Macieiski Murphy, A.B., St. Louis University, 1968; M.A., Northwestern University, 1971. Psychology. *Human Physical Instrumental Aggression: A Study of the Effects of Competition Versus Cooperation, Amount of Monetary Reward, Degree of Instrumentality, and Machiavellianism.*

Rolf Victor Myhrman, A.B., Columbia College, 1966. Chemistry. *Studies on Lobster Muscle Transpeptidase (Transamidase).*

Ronald H. D. Nabrotzky, B.A., University of Utah, 1965; M.A., Northwestern University, 1966. German. *Politische Heine-Kritik in Ostdeutschland.*

Leonard J. Najjar, B.S., Valparaiso University, 1969; M.S., Northwestern University, 1971. Civil Engineering. *Environmental Factors and Prediction of Structural Effects in Creep of Concrete.*

James Joseph Napoli, B.S., The Ohio State University, 1968; M.S., Northwestern University, 1970. Chemistry. PART I. *The Thermal Rearrangements of 4-o-Allyphenyl-1-Butene and o-Allylstyrene. Part II. Homoconjugate Electrophilic Addition of Hydrogen Halides.*

Roger John Nash, B.A., Roosevelt University, 1964; M.A., 1966. History. *Within These Walls: The Ideology of the Movement to Institutionalize the Insane in America, 1830-1865.*

Raj T. Natarajan, B.Sc., University of Madras (India), 1964; B.E., Indian Institute of Science, 1967; M.A.Sc., University of Torongo, 1968. Materials Science. *Microstructure, the 20° Transition, and Orientation in Polytetrafluoroethylene.*

John Lloyd Nelson, B.S., Northwestern University, 1969. Chemistry. *Investigation of Some Small Hydrocarbons With the FSGO Quantum Mechanical Model.*

Terry De Wayne Oberley, B.A., Northwestern University, 1968. Microbiology. *The Effect of Streptolysin 0 on Rabbit Red Cell Membranes.*

R. James Ogden, A.B., University of Washington, 1962; B.D., Berkeley Baptist Divinity School, 1966. Religion. *The Differential Appropriation of Tradition in a Small Town.*

John T. Ohlsson, Ph.B., Northwestern University, 1966. Biochemistryy. *On the Kinetics of the Oxidative Deamination of L-Phenylalanine by Ophidian L-Amino Acid Oxidase (1.4.3.2).*

Masako M. Osako, B.A., Radcliffe College, 1964; M.A., Northwestern University, 1966. Sociology. *Auto Assembly Technology and Social Integration in a Japanese Factory: A Case Study.*

Linda McHenry Otto, A.B., Vassar College, 1963; M.A., Northwestern University, 1966. German. *A Study of Evil and Insanity in Tieck's Early Works.*

Jitendra G. Patel, B.Tech., Laxminarayan Institute of Technology (India), 1963; M.Tech., Indian Institute of Technology, 1965. Chemical Engineering. *Analysis of Some Two Phase Flow Problems.*

Allan Patriquin, A.B., Harvard University, 1957; B.D., Garrett Theological Seminary, 1961. Religion. *Gerhard Ebeling's Program of Hermeneutics for Biblical Interpretation.*

June D. Brooks Paul, B.M., Southern University, 1957; M.M., Michigan State University, 1958. Music. *Music in Culture: Black Sacred Song Style—Slidell, Louisiana: Chicago, Illinois.*

Joseph H. Payton, B.S., Central State University, 1968; M.Ed., University of Arizona, 1970. Education. *Attitudes of Teachers Toward Three Selected Aspects of Their Educational Environment.*

John F. Pazereskis, A.B., Marquette University, 1962; M.A., St. Louis University, 1965. Speech. *The Narrators of Evelyn Waugh: A Study of Five Works of Fiction.*

Barbara Koehler Peters, Eq. of B.S., Free University of Berlin, 1966. Management. *Task Characteristics, Communication and Social Organization of Scientists.*

Richard Frederick Piehl, B.A., Lawrence University, 1967; M.S., Northwestern University, 1968. Chemistry. *Amino Acid Sequences Around the Tryptophan Residues of Mammalian Serum Albumins.*

Alejo Planchart, Eq. of B.S., Catholic University of the Andes, 1964; M.S., Northwestern University, 1970. Industrial Engineering. *A Geometric Programming Approach to the Problem of Finding Efficient Algorithms for Constrained Location Problems With Mixed Norms.*

Reynaldo Carlos Pless, Eq. of B.S., Free University of Berlin, 1967; M.S., Northwestern University, 1968. Chemistry. *Solid Support Synthesis of Oligothymidylates Using Phenylphosphorodichloridate and N-Alkylimidazoles.*

Walter Francis Podolski, B.Ch.E., University of Detroit, 1966; M.S., Northwestern University, 1969. Chemical Engineering. *Modeling the Water-Gas Shift Reaction.*

Cynthia Kay Porter, B.S., Northwestern University, 1967; M.A., 1970. Speech. *The American Adolescent: A Communication Study in Peer Group Structure and Interaction.*

Audra L. Prewitt, B.A., Lamar State College of Technology, 1960; M.A., Northwestern University, 1962. History. *American Lawyers and Social Ferment: Prelude to Progressivism, 1870-1890.*

Daniel Jensen Prosser, B.A., University of Redlands, 1969. History. *Coal Towns in Egypt: Portrait of an Illinois Mining Region, 1890-1930.*

Arthur H. Purcell, B.S., Cornell University, 1966. Materials Science. *Investigation of the Crack Tip Area and Fatigued Copper Single Crystals.*

Gerard Joseph Putz, B.S., St. Norbert College, 1967. Chemistry. *The Stereochemistry of the Solvolysis of Cyclohexyl Tosylate.*

Barry Vinson Qualls, B.A., Florida State University, 1967; M.A., Northwestern University, 1968. English. *Carlyle and Dickens: The Function of the Victorian Prophet.*

Sondra Carole Rabin, B.S., Indiana University, 1956; M.S., 1970. Education. *A Study of the Principal's Role in Curriculum Innovation in the Elementary School.*

Gloria Randall Rainey, B.S., Oberlin College, 1966; M.A., Northwestern University, 1968. Education. *An Analysis of the Language of References to Violence in Five Eleventh Grade History Textbooks.*

Walter Jon Reeder, Ph.B., Northwestern University, 1967. Microbiology. *A Study of the Interaction of Staphylococcal Teichoic Acids With Concanavalin A.*

Diana Marie Reisa, B.S., Loyola University, 1966. Biological Sciences. *Biological and Chemical Properties of an Inhibitor of Hydrid Regeneration Isolated From Culture Medium of* HYDRA PSEUDOLIGACTIS.

John Keith Rennie, B.A., University College of Rhodesia, 1963. History. *Christianity, Colonialism and the Origins of Nationalism Among the Ndau of Southern Rhodesia, 1890-1935.*

Eduardo L. Roberto, B.A., De La Salle College (Philippines), 1963; B.S., 1963; M.S., Northwestern University, 1973. Management. *An Investigation of the Problem of Advertising Theme Research With Specific Application to the Social Marketing of Vasectomy Services.*

Andrew Robinson, B.S., Illinois State Teachers College, 1966; M.A., Roosevelt University, 1970. Education. *A Study of Admission and Retention Practices in Teacher Education Programs in Illinois.*

Francis S. Rog, B.S., St. Louis University, 1952; M.S., 1954. Education. *Evaluation of an Encounter Intervention Designed to Meet Student Problems and Develop Student-Teacher Rapport.*

Lya Dym Rosenblum, Ph.B., University of Chicago, 1945; M.A., 1948. Education. *The Self, the Nation, and the World: A Comparative Analysis of Political Orientation of Israeli Pre-Adults Toward the National and International Systems.*

Takeo Sakai, B.S., Kyoto University, 1962; M.S., University of Cincinnati, 1969. Materials Science. *Plastic Deformation of Ti and Ti-Al Alloy Single Crystals.*

Rudolph Salmeron, Jr., B.Ed., Chicago Teachers College, 1963; M.Ed., Northeastern Illinois University, 1967. Education. *Participatory Encumbrances in the Culture of the School and Community.*

Tilde A. Sankovitch, Eq. of B.A., University of Louvain, 1956; Eq. of M.A., 1957. French. *L'Eugène de'Etienne Jodelle: Analyse Normative et Structurale.*

Nikhil Kumar Sarkar, B.E., University of Calcutta (India), 1966; M.Sc., University of Alberta, 1969. Biological Materials. *The Electrochemical Behavior of Dental Amalgams and Their Component Phases.*

Amos Sawyer, B.A., University of Liberia, 1966; M.A., Northwestern University, 1970. Political Science. *Social Stratification and Orientations to National Development in Liberia.*

Richard C. Scalzo, B.S., Illinois Institute of Technology, 1965; M.S., 1968. Applied Mathematics. *Contributions to the Theory of Differential Games.*

Margaret Keeney Schaefer, A.B., Smith College, 1967; M.A., Harvard University, 1969. Industrial Engineering. *A Heuristic Damage—Minimizing Model for Fire Station Location.*

Wolfgang Scherer, Eq. of B.S., University of Central Venezuela, 1965; M.S., Northwestern University, 1968. Geological Sciences. *A Mathematical Model for the Differential Subsidence of Intra-Cratonic Basins.*

Steven Lee Schulman, B.S., Syracuse University, 1968; M.S., Northwestern University, 1970. Chemistry. *Ab Initio Calculation of Spectroscopic Constants Using the FSGO Model.*

Michael Kelly Schutz, A.B., University of California, 1966; M.A., Northwestern University, 1969. Sociology. *Organizational Goals and Support-Seeking Behavior: A Comparative Study of Social Movement Organizations in the UFO (Flying Saucer) Field.*

John Schwartzman, A.B., Cornell University, 1963; M.A., Northwestern University, 1968. Anthropology. *The American Family and Mental Illness: An Ethnography of Family Dysfunction.*

Avraham Shama, B.A., Hebrew University, 1966; M.A., 1970. Management. *Candidate Image and Voter Preference: A Theory and Experiment.*

Norman Yon-Shong Shaw, B.S., National Taiwan University, 1966; M.S., 1969. Biochemistry. *Mechanisms of Biological Aromatic Hydroxylation.*

Atul C. Sheth, B.Ch.E., University of Bombay (India), 1964; M.S., Northwestern University, 1969. Chemical Engineering. *Kinetics of Ethylene Adsorption-Desorption on Type 4A Molecular Sieves.*

Shinei Shigefuji, A.B., Ryuokoku University (Japan), 1956; M.A., Northwestern University, 1970. Religion. *Nembutsu in Shinran and his Teachers: A Comparison.*

Amy Emiko Goya Shirk, B.S., University of Hawaii, 1968. Chemistry. *Raman and Infrared Studies of the Tetrahydroaluminate, Tetrahydroborate, and Tetrahydrogallate Anions.*

Caroline Compton Sigman, B.A., Wellesley College, 1968. Chemistry. *On the Regulation of Peptidoglycan Synthesis in Membrane Vesicles from* ESCHERICHIA COLI.

Eugene Michael Silinsky, B.S., City College of New York, 1967. Biological Sciences. *A Photometric Reaction Chamber Designed to Investigate the Properties of the Commercially Available Firefly; Bioluminescence Assay for Adenosine Triphosphate (ATP) and an Investigation of the Release of Adenine Nucleotides from a Mammalian Neuromuscular Junction: Suggestive Evidence for a Nerve Terminal Source for ATP.*

Sidney Arthur Simon, B.S., Indiana Institute of Technology, 1965; M.S., Arizona State University, 1968. Materials Science. *Physical Studies of the Effects of Salts, Organic Solvents and Polypeptides on Model Membrane Systems.*

Raymond F. Smith, A.B., Temple University, 1965; M.A., Northwestern University, 1966. Political Science. *Behavior and Structure as Influences Upon Violence in the International System, 1946-1962.*

William Robertson Smoot II, B.A., Purdue University, 1969; M.A., Northwestern University, 1970. Philosophy. *A Critical Study of the Ethical Theory of Jean-Paul Sartre.*

Graham Basil Spanier, B.S., Iowa State University, 1969; M.S., 1971. Sociology. *Sexual Socialization and Premarital Sexual Behavior: An Empirical Investigation of the Impact of Formal and Informal Sex Education.*

Ramona G. Spinka, B.A., Roosevelt University, 1961; M.A., Northwestern University, 1963. Spanish. *La Inspiración Popular en la Novelística de Miguel Delibes.*

Joyce R. Starr, B.A., University of Michigan, 1967; M.A., Northwestern University, 1970. Sociology. *Post-College Youth: Patterns of Adaptation to the Working World.*

Arthur Walter Stawinski, B.A., Stanford University, 1966; M.A., Northwestern University, 1968. Philosophy. *Ludwig Wittgenstein and the Perceptual Foundation of Knowledge.*

Leon Carl Stecher, B.S., Loyola University, 1967; M.S., Northwestern University, 1968. Mathematics. *Pursuit With General Curvature Constraints (1).*

Dwight Calvert Stewart, B.A., Culver-Stockton College, 1952; B.D., Duke University, 1955; A.M., Harvard University, 1960. Religion. *A Study of the Philosophies of Karl Heim and Alfred North Whitehead With Special Attention to Their Concepts of Space and the Bearing of These on Certain Religious-Philosophical Ideas.*

P. Sterling Stuckey, B.A., Northwestern University, 1955. History. *The Spell of Africa: The Development of Black Nationalist Theory, 1829-1945.*

Helen Mary Stynes, B.Sc., University College (Ireland), 1966; M.Sc., 1968. Chemistry. *Model Studies of Oxygen Binding by Cobalt(II) Porphyrin Complexes and an X-Ray Crystallographic Study of the Effect of Metal-Ligand Bond Distances on Rates of Electron-Transfer Reactions: Ruthenium Hexaammines.*

V. Subramanian, B.Sc., Jadavpur University (India), 1964; M.Sc., 1966. Geological Sciences. *Mechanisms of Fixation of the Trace Metals Manganese and Nickel by Terric Hydroxide.*

Sukhum Sukapanpotharam, B.Eng., Chulalongkorn University (Thailand), 1964; M.Eng., Seato Graduate School, 1966. Civil Engineering. *A Treatment of Exact and Approximate Solutions to a Difference Equation Model for Regular Multistory Plane Frames.*

Medagampala Sumana Shanta, B.A., Vidyodaya University (Ceylon), 1963; M.A., Northwestern University, 1970. Religion. *A Comparison of Buddhist and Christian Perfection.*

Sakutaro Takahashi, B.A., Tokyo University, 1965; M.A., Southern Illinois University, 1969; M.A., Northwestern University, 1970. Linguistics. *The State of I-Umlaut in Early West Saxon.*

Allan J. Taub, B.S., DePaul University, 1967; M.A., Northwestern University, 1968. Economics. *Long Term Financing of Corporate Capital Expenditures.*

Robert L. Threatte, B.S., University of Illinois, 1970. Education. *A Descriptive Analysis of the Gary-Banneker Performance Contracted Curriculum Center.*

Kenneth James Thygerson, B.S., Northwestern University, 1967. Management. *The Effect of Government Housing and Mortgage Credit Programs on Savings and Loan Associations.*

Joseph Robert Tillotson, B.F.A., University of New Mexico, 1961; M.M., 1963. Music. *A Study of Learning Characteristics as Identified in the Music Reading Process.*

Susan Struve Trout, B.S., Ball State University, 1958; M.A., Stanford University, 1960. Speech. *A Neuropsychological Approach to the Analysis of Written Spelling Disorders.*

Kung-chow Tsai, B.S., Cheng Kung University (Formosa), 1964; M.S., National Taiwan University, 1966; M.S., Northwestern University, 1971. Theoretical and Applied Mechanics. *Some Contact Problems of Composite Materials in Elasticity.*

Thomas H. Tuchscherer, B.S., University of Illinois, 1962; M.A., 1963. Economics. *Fashion and the Development of the Dress Industry, 1890-1930.*

Mohammed Baqir Twaij, Eq. of B.A., University of Baghdad, 1956; M.S., Kansas State College, 1964. English. *Shakespeare in the Arab World.*

Joan Betty Wettern Vandrey, B.A., Western Maryland College, 1968. Applied Mathematics. *Reversed Generalized Geometric Programming.*

Paul Vega, B.S., Northern Illinois University, 1966; M.A., Northeastern Illinois University, 1971. Education. *A Survey of the Preparation for Educational Administrators in the Area of School Law at Selected Colleges and Universities.*

David H. Waite, B.A., University of Vermont, 1966; M.A., Northwestern University, 1969. Speech. *Vermont in the Union: A Study of the Growing Influence of the Concept of Union in Vermont Rhetoric, 1840 to 1861.*

Philip F. Walch, B.A., St. Mary's College, 1960; M.Ed., 1964; M.A.T., Brown University, 1967. Physics. *Studies of Insulating Solids by the Hartree Fork Slater Method.*

Bart Hopkins Ward, B.B.A., University of Oklahoma, 1967; M.B.A., 1970. Management. *A Decision Theoretic Approach to the Resolution of Measurement Issues in Auditing.*

Jeffrey Hamilton Wattles, B.A., Stanford University, 1966; M.A., Northwestern University, 1970. Philosophy. *Hegel's Philosophy of Organic Nature.*

George Adam Wead, B.A., St. Mary's University, 1956; M.A., Catholic University, 1960. Speech. *Buster Keaton and the Dynamics of Visual Wit.*

Thomas Ray Weaver, B.A., Franklin and Marshall College, 1968. Chemistry. *Some Reactions of Molecular Nitrogen and Nitrene Intermediates Coordinated to Ruthenium, Osmium, and Iridium.*

Fredric M. Weber, B.A., University of Wisconsin, 1969; M.A., Northwestern University, 1970. Philosophy. *An Existential Interpretation of Contemporary Trends in Philosophy of Science.*

Sheldon M. Wecker, B.S., Oakland University, 1967; M.S., Northwestern University, 1970. Materials Science. *An X-Ray Line Broadening and Inverse Pole Figure Study of Deformation in Polytetrafluoroethylene.*

Richard Jeffrey Welsch, B.S., University of Illinois, 1968; M.S., Northwestern University, 1971. Chemical Engineering. *The Hydrodesulfurization of Thiophene Over Cobalt Molybdate Catalyst Using a Monte Carlo Technique.*

Zofia Janina Werchun, Eq. of B.A., French University (Beirut), 1947; M.A., University of Chicago, 1961. Slavic. *The Influence of La Fontaine on Kryloz.*

Presbury Burton West, B.A., Macalester College, 1966. Chemistry. *The Role of Aluminum and Other Impurities in the Catalysis of Double Bond Isomerization of Hexenes by Silica Gel.*

John Stuart Wilkes, B.A., SUNY at Buffalo, 1969. Chemistry. *Phosphoremidate Analogs of Mono- and Polynucleotides.*

Laurie K. Campbell-Wilkes, B.A., Smith College, 1968. Chemistry. *Calcium-Dependent Transamidating Enzymes and Their Involvement in Protein Assembly. Development of New Methods to Various Transamidases With the Goal of Elucidating Physiological Function.*

Floyd W. Winecoff, B.A., Cardinal Glennon College, 1961; M.S., St. Louis University, 1970. Education. *The Effect of an Affective Educational Experience on the Self-Actualization of Oakton Community College Students.*

Hisao Yamauchi, B.Engr., University of Tokyo, 1969; M.S., Northwestern University, 1971. Materials Science. *Kinetic Ising Models for Single-Phase Solid Solutions.*

Robert J. Yancy, B.A., Morehouse College, 1964; M.B.A., Atlanta University, 1966. Management. *Federal Government Policy and Black Business Enterprise.*

Ronald A. Yeske, B.M.E., Marquette University, 1968. Materials Science. *Fatigue Crack Propagation in Copper.*

King Sang Yeung, Eq. of B.S., Hong Kong Baptist College, 1961; M.S., University of Mississippi, 1963. Theoretical and Applied Mechanics. *The Propagation of Simple Waves and Shock Waves in Non-Linear Elastic Materials.*

Hume Clifton Young, B.S., Northwestern University, 1955; M.B.A., Temple University, 1962. Management. *Product Development Setting, Information Exchange, and Marketing—R & D Coupling.*

Lamar Lewis Young, Jr., B.A., Wake Forest University, 1964; M.Ed., University of Virginia, 1969. Speech. *The Lateralization of a Residue Derived From an Amplitude Modulated Waveform and Pure Tones of 2400-Hz and 200-Hz for Preselected Interaural Phase Disparities.*

Joseph Peter Zbilut, B.A., Loyola University, 1970; M.A., Northwestern University, 1971. Slavic. *Dostoevskian Romanticism: From Irony to Existentiality.*

Joel Stephen Zimmerman, B.A., Northwestern University, 1967; M.S., Purdue University, 1968. Psychology. *The Effect of Massed and Distributed Presentations in Free-Recall Learning: A Test of the Attenuation-of-Attention Hypothesis.*

MASTER OF ARTS

Peter H. Amster, B.S., Northwestern University, 1971. Speech.

Levita R. Anderson, B.S., Northern Illinois University, 1972. History.

Yoshiko Aoki, B.A., University of the Sacred Heart (Tokyo), 1970. History.

Hilaru Lips Appleton, B.A., University of Windsor (Canada), 1970. Psychology.

Gerald Roy Armstrong, B.A., University of British Columbia, 1972. Economics.
Lee Axelrod, B.A., Northeastern Illinois University, 1968. Speech.
Diane Balin, B.A., University of Illinois, 1972. Education.
Norman R. Balkin, B.S., Arizona State University, 1970. Education.
Lula B. Ballton, B.A., California State University, 1969. Speech.
McRae C. Banks II, B.A., Virginia Polytechnic Institute, 1972. History.
Constantine P. Bapes, B.A., University of Illinois, 1971. Classical Languages.
Mark Barnett, B.A., Northwestern University, 1971. Psychology.
Neil R. Barth, B.A., Manhattanville College, 1964. Art History.
Sharon Barton, A.B., George Washington University, 1965. History.
Patrick F. Bassett, Jr., B.A., Williams College, 1970. Speech.
Edna N. Battle, B.S., Loyola University, 1966. Speech.
Mark Carl Bauer, B.A., The Ohio State University, 1971. Anthropology.
Ricki-Beth Horowitz Beigel, B.S., University of Pennsylvania, 1969. Education.
William E. Berens, B.A., St. Joseph's College, 1967. Speech.
Sarah Fenstermaker Berk, B.A., Goucher College, 1971. Sociology.
Alison Anne Bernstein, B.S., Northwestern University, 1972. Speech.
Catherine Siler Bielitz, B.A., Swarthmore College, 1969. Anthropology.
Zivile Bernadette Bilaisis, B.S., University of Illinois, 1972. English.
Joan Marie Billger, B.S., University of Tulsa, 1971. Speech.
Lisa Ann Binswanger, A.B., Indiana University, 1971. Speech.
Abby L. Bloom, B.A., Yale University, 1972. Anthropology.
Jeannette Brian, B.A., University of Pittsburgh, 1972. English.
Delores Koenig Brimmer, B.A., University of Chicago, 1972. Anthropology.
Larry Edward Broome, B.A., Southern University, 1972. Education.
Helen Beck Brown, B.S., Northwestern University, 1971. Speech.
Rollyn Anders Brown, B.A., Brown University, 1970. Speech.
Carol A. Bryan, B.S., Northwestern University, 1970. Speech.
Randall Lee Bytwerk, B.A., Calvin College, 1971. Speech.
Jacqueline A. Cable, B.A., College of Mount St. Vincent, 1972. English.
German Calvillo, Eq. of B.A., University of Madrid, 1967. Economics.
Leonel Campos-Hernández, A.B., California State College, 1961. Psychology.
Kathleen Ann Carroll, B.A., Mercy College, 1971. Speech.
Steven C. Caton, B.A., University of Pennsylvania, 1972. Anthropology.
Gary Anton Chalus, B.A., SUNY at Stony Brook, 1971. Psychology.
Kenneth R. Chasolen, B.A., University of Dayton, 1968. Classical Languages.
Antonio Edward Chávez, B.A., University of New Mexico, 1971. Education.
Darlene M. Ching, A.B., University of California, 1972. Speech.
Ronald Michael Clavier, B.S., McGill University, 1969. Psychology.
Maurice Frederick Cole, B.A., Norfolk State College, 1971. History.
Marilyn Collins, B.A., North Central College, 1972. Sociology.
Eugenia Frances Compere, B.A., Baylor University, 1971. Speech.
Ross Frank Conner, B.A., The Johns Hopkins University, 1968. Psychology.
Lydia Elaine Cook, B.S., Chicago State University, 1972. History.
James J. Coombs, B.S., University of New Mexico, 1971. Speech.
Roberta K. Cooper, B.A., University of Illinois, 1968. English.
John Joseph Craig, B.A., Northwestern University, 1973. English.
Betty Ann Crowe, B.A., Gallaudet College, 1957. Speech.
Barbara Steketee D'Amato, B.A., Northwestern University, 1972. Sociology.
Margaret Elizabeth Davidson, B.S., Northwestern University, 1972. Speech.
Carol Jean DeRousseau, B.A., University of Chicago, 1970. Anthropology.
Jill Deutelbaum, B.A., Northwestern University, 1972. Education.
Sara Stroebel Devine, B.S., Northwestern University, 1972. Speech.
Linda Gail Dickler, B.A., Northwestern University, 1972. Education.
Bonnie Jean Diedrich, B.S., Northwestern University, 1972. Speech.
Theodore Howard Dix, B.A., Lake Forest College, 1971. Education.
M. Katherine Dohrmann, B.A., Loyola University, 1972. Speech.
William Joseph Dowdall, B.A., West Washington State College, 1971. Speech.
Frank Edward Doyle, Jr., A.B., John Carroll University, 1971. English.
William R. Dudley, B.S., Western Illinois University, 1968. Education.
Constance Lee Dugan, B.A., Wichita State University, 1971. Speech.
John Kevin Eckert, B.A., Ursinus College, 1969. Anthropology.

Patricia Kehr Edmonds, B.A., Monmouth College, 1971. Speech.
Paul Campbell Edwards, B.S., Northwestern University, 1972. Speech.
Carol Jean Erting, B.S., Northwestern University, 1970. Speech.
Kristen Lynne Falk, B.A., University of Rhode Island, 1972. Speech.
Penelope Carr Flather, B.A., Northwestern University, 1971. Education.
Kenneth W. Fleishour, B.A., University of the Pacific, 1972. Speech.
Stephen Andrew Foster, B.A., Pennsylvania State University, 1969. History.
Susan Russelle Freedman, B.S., University of Illinois, 1972. Speech.
Barbara Ann Fritze, B.S., Northwestern University, 1970. Speech.
Janette Lou Frizen, B.A., Luther College, 1971. Speech.
Michael L. Galfer, B.S., University of Michigan, 1966; M.S., 1967. Speech.
Geoffrey Gabotsewe Garebamono, B.A., Coe College, 1969. Political Science.
Edward Garrick, B.S., Harvard College, 1967. Speech.
Susan McManama Gianinno, A.B., Boston College, 1970. Education.
Mary Anne Gibbons, B.A., Mundelein College, 1972. Education.
Stephen Joel Gill, B.A., University of Minnesota, 1969. Education.
Ellis Godwin, B.S., Loyola University, 1957. Education.
Gwen Gordon Goldberg, B.A., University of Michigan, 1970. Psychology.
Lynne G. Goldstein, B.A., Beloit College, 1971. Anthropology.
Denyse Shapiro Goodman, B.A., University of Illinois, 1972. Speech.
Daniel Allan Gray, B.A., Wesleyan University, 1970. English.
Brenda Kay Green, B.S., Southern University, 1969. Education.
Anne Greenstone, B.A., University of Vermont, 1972. Speech.
Robert L. Greenwall, B.A., North Park College, 1965; B.D., North Park Seminary, 1970. Religion.
Cindy Gross, B.A., University of Illinois, 1971. Speech.
Vernon J. Grubisich, B.A., Southern Illinois University, 1970. Anthropology.
John J. Gubbins, B.A., Western Illinois University, 1968. History.
Helen Marie Guditis, B.A., Marquette University, 1967. Speech.
Jo Ann Gustavson, B.A., Knox College, 1968. Speech.
Betsy L. Hadden, B.A., Hiram College, 1972. German.
June Claire Haerle, B.S., University of Wisconsin, 1966. Speech.
Harrison B. Hall, B.A., University of California. 1970. Philosophy.
James Wilbur Hall III, B.A., American International College, 1970. Speech.
Roberta Reiko Harada, B.A., University of Hawaii, 1970. Psychology.
David Gene Hartman, B.A., Northwestern University, 1973. Economics.
Deborah Hayes, B.S., Northwestern University, 1971. Speech.
Darryl Barton Hazel, B.A., Wesleyan University, 1970. Economics.
Michael H. Hennessy, B.A., Oberlin College, 1972. Sociology.
Bruce Edward Hetzler, B.A., DePauw University, 1970. Psychology.
John A. Hibscher, B.A., Marquette University, 1970. Psychology.
Sheila Kathryn Hickey, B.S., Emerson College, 1971. Speech.
Manuel Enrique Hinds C, Eq. of B.S., University of El Salvador, 1968. Economics.
Shari Rachel Holmer, B.A., Augustana College, 1972. German.
Gail Lee Houart, B.A., Northwestern University, 1970. Anthropology.
Cheryl Jeanne Hughes, B.A., Miami University, 1969. Speech.
Kenneth W. James, B.A., Northeastern Illinois University, 1971. Speech.
Marilynn J. Johnson Jeglum, B.A., Mundelein College, 1971. Speech.
Bobbie Jean Johnson, B.A., Tougaloo College, 1969. Education.
Christopher R. Johnson, B.A., University of Notre Dame, 1969. English.
Laura Crawford Jollay, B.A., Morehead State University, 1962. Speech.
Beverly Cates Kale, B.A., Beloit College, 1971. Education.
Theresa Michele Kelley, B.A., University of Washington, 1969. English.
Constance Ruth Kelly, B.A., College of Wooster, 1972. History.
Devera Herman Klein, B.S., The Ohio State University, 1957. Speech.
George Charles Klein, B.A., University of Illinois, 1968; M.A., University of Chicago, 1970. Anthropology.
Kodi Muzong Wanda, B.A., Grinnell College, 1970. History.
Marilou McNally Kollar, B.A., Pennsylvania State University, 1968. Psychology.
Sue Ellen Krause, B.A., Michigan State University, 1971. Speech.
Laura Beth Kriger, B.S., Northwestern University, 1972. Education.
Nancy Eileen Kruse, B.A., Mundelein College, 1969. Speech.

Geraldine Louise Kulhanek, B.S., Northwestern University, 1971. Speech.
Sarah Florence Nesti Kunkle, B.A., Northwestern University, 1963. French
Michael L. Kuriniec, B.A., Northeastern Illinois University, 1971. Slavic.
Donna LaBranche, B.A., Loyola University, 1970. French.
Cynthia H. Lamprecht, B.A., University of Vermont, 1970. Speech.
Cheryl Berrington Lavin, B.A., University of Wisconsin, 1967. English.
Errol A. Lawrence, B.A., Bluffton College, 1971. Religion.
Jay Lebow, B.A., Northwestern University, 1970. Psychology.
Harry M. Leichtman, B.A., College of William and Mary, 1972. Education.
Nancy Ann Lennon, B.S., Loyola University, 1971. Anthropology.
Charlene Sturgess Lewis, A.B., Bryn Wawr College, 1970. Anthropology.
James Barry Lewis, B.A., Georgetown College, 1972. Speech.
Leon Liebner, B.A., University of Notre Dame, 1971. German.
Norman Marc Linsky, A.B., Boston University, 1972. English.
Michael F. Londergan, B.A., Xavier University, 1971. Economics.
Susan M. Maloney, B.A., Ohio University, 1972. English.
Anthony Manno, B.A., Northwestern University, 1973. Economics.
Patricia Gramm Mastricola, B.S., University of Illinois, 1971. Speech.
Wendell Alexander Matthews, B.S., Morgan State College, 1972. Education.
Richard L. Miller, B.S., Weber State College, 1968. Psychology.
Stephen Rhodes Miller, A.B., Earlham College, 1969. Speech.
Jacqueline Louise Minnis, B.S., University of Oregon, 1972. History.
Richard S. Mosher, B.A., University of Kansas, 1972. Anthropology.
Charlane Whitlock Mowery, B.S., Northwestern University, 1969. Speech.
Thomas Michael Mulligan, B.A., Brock University (Canada), 1971. Philosophy.
Mary Agnes Murphy, B.S., Ball State University, 1969. Education.
Katharine E. Myar. B.A., Boston University, 1970. Education.
Edward L. Nelson, B.A., University of Toronto, 1964. Education.
Robert J. Neumann, Jr., B.A., Lake Forest College, 1970. Education.
Susan Maydet Newman, B.S., Western Michigan University, 1971. Speech.
Sheina M. Nicholls, Eq. of B.A., Victorian School of Speech (Australia), 1963. Speech.
Janet Scott Niederhauser, B.A., Kalamazoo College, 1972. German.
Sharon A. Norton, B.S., B.A., Moorhead State College, 1972. Education.
Mary Nombulelo Ntabeni, B.A., University of Botswana, 1972. History.
Dennis Harvey Pack, B.S., University of Utah, 1967. Speech.
Susan Beth Palmer, B.S., Northwestern University, 1972. Speech.
Lawrence A. Panciera, A.B., University of California, 1970. Psychology.
Nancy L. Paschall, A.B., DePaul University, 1970. Psychology.
Linda Patrik, B.A., Carleton College, 1971. Philosophy.
Raymond P. Pawlak, B.A., Loyola University, 1971. Classical Languages.
Shirley Binnetta Payne, B.A., Macalester College, 1972. History.
Jane Helen Pearl, B.A., George Washington University, 1972. Education.
Sima Peleg, B.A., University of Tel Aviv, 1969. Political Science.
Deborah Lee Perry, B.A., Lake Forest College, 1971. Speech.
Mary Anne Perry, B.A., Northern Illinois University, 1971. Speech.
Cynthia Anne Peters, B.S., Southern Methodist University, 1971. Anthropology.
Suzanne Schriever Petersen, B.S., Brigham Young University, 1971. Speech.
Marilyn Lee Phillips, B.A., University of Colorado, 1971. Speech.
James Edmund Piechowski, B.A., DePaul University, 1971. History.
Robert Stewart Pierce, B.S., Northwestern University, 1972. Speech.
Wallace Gant Pinfold, A.B., Princeton University, 1968. Anthropology.
Charles W. Pratt, B.A., Loyola University, 1969. English.
Richard Eric Pruetz, B.A., University of Wisconsin, 1969. Speech.
Rochelle Klitzky Puariea, B.S., Indiana University, 1970. Education.
Jeanne Rosen Ravid, A.B., Washington University, 1966. Classical Languages.
Govindasamy Reddy, B.A., University of South Africa, 1968. History.
Samuel Gordon Restich, B.S., Wayne State University, 1969. Speech.
Ellen Siegel Reuler, B.S., Northwestern University, 1972. Speech.
Lynda Lou Richards, B.A., University of Wisconsin, 1972. Speech.
Susan Carol Rogers, B.A., Brown University, 1972. Anthropology.
Patricia Kathryn Rogowski, B.A., Northwestern University, 1972. Education.

Philip Charles Rossi, B.A., University of Michigan, 1972. Speech.
Mary Susan Runner, B.A., Tufts University, 1971. Speech.
James R. Sanders, B.A., University of Northern Iowa, 1971. History.
Rena Anne Sargis, B.A., Northeastern Illinois University, 1971. Speech.
Shirley L. Scheible, B.S., George Williams College, 1965. Education.
Evelyn R. Schiele, B.A., Northwestern University, 1972. English.
Margaret A. Schilt, A.B., University of Michigan, 1972. History.
Paul Scott Schinleber, B.A., Knox College, 1972. Speech.
Judith Amy Schlesinger, B.A., University of Iowa, 1970. Speech.
Gordon Mark Schoepfle, B.A., University of California, 1968. Anthropology.
Tillman Robert Sease, Jr., B.S., Hampton Institute, 1972. Education.
Michael W. Sedlak, B.A., University of Washington, 1970. History.
Robert Gordon Selickman, B.A., University of Pennsylvania, 1968. History.
William Lloyd Senior, B.A., Carleton College, 1972. History.
Charles Edward Shepherd, B.S., Northwestern University, 1970. Sociology.
Marilyn Mohrhusen Sherman, B.A., University of Illinois, 1969. Education.
Irene Roda Skorton, B.A., University of California, 1971. Speech.
Karen Brammer Slava, B.A., Mary Baldwin College, 1972. Speech.
Peter D. Sloane, B.A., Kalamazoo College, 1971. History.
Timothy Jacob Smith, B.A., Western Maryland College, 1971. Anthropology.
Thomas Richard Spitz, B.S., Lewis and Clark College, 1972. Speech.
Kenneth Brian Stanley, B.S., Emerson College, 1972. Speech.
Margot Michèle Steinhart, B.A., University of Illinois, 1969. French.
Laura Helen Stern, B.S., Northwestern University, 1970. Speech.
Jeffrey Morgan Stonecash, B.A., Muskingum College, 1969; M.A., University of Virginia, 1971. Political Science.
James Edward Stratton, B.A., Kent State University, 1972. Speech.
Edward J. Streb, B.S., Northwestern University, 1971. Speech.
Teresa Jo Styles, B.A., Spelman College, 1972. Speech.
Mary Alma Sullivan, B.A., Mundelein College, 1951; M.A., Loyola University, 1966. Speech.
Carol Helene Sweig, B.A., Barat College, 1970. Education.
Joseph Anthony Tainter, B.A., University of California, 1972. Anthropology.
Gary C. Tamkin, B.A., Northeastern University, 1970. Psychology.
Joan R. Taylor, B.S., Northwestern University, 1972. Speech.
Paul Aneurin Toliver, B.A., University of Cincinnati, 1972. History.
Margaret Jane Weaver Toronto, B.S., Brigham Young University, 1962. Speech.
Alessandro Triulzi, Eq. of M.A., University of Rome, 1966. History.
Telcine Eureka Turner, B.A., University of the West Indies, 1969. Speech.
Jari L. Ubben, B.A., North Central College, 1972. Speech.
Mark Francis Urich, B.A., University of Pittsburgh, 1971. English.
Elizabeth Voigt, B.A., University of Wisconsin, 1960. Slavic.
John B. Wager, B.A., Florida Atlantic University, 1968. Philosophy.
Janice C. Wajda, A.B., Grove City College, 1968. French.
Gerald C. Walling, B.S., Loyola University, 1951; M.A., 1963. Speech.
Doris Waltemyer, B.S., Northwestern University, 1971. Speech.
Laurie Joseph Wasserman, B.A., University of Chicago, 1970. Political Science.
Shirley Ann Watson, B.A., Mundelein College, 1972. History.
Toni Claire Gitles Weaver, B.A., University of Florida, 1971. Speech.
Laurel Lipsitt Weiner, B.A., University of Michigan, 1972. Speech.
Louis Weiss, B.A., Miami University, 1970. Speech.
Suzanne Ballew Weiss, B.A., University of Illinois, 1967. Speech.
John D. Wennstrom, B.A., Augustana College, 1968. Speech.
Gail Louise West, B.S., Northwestern University, 1972. Speech.
Bonnie Lynn Whatley, B.A., Arizona State University, 1972. Anthropology.
Catherine Jean White, B.A., Beloit College, 1972. Sociology.
Nancy Clark White, B.A., Northwestern University, 1970. Education.
William Alan White, B.A., Miami University, 1969. History.
Patricia Whitson, B.A., Northeastern Illinois University, 1972. Education.
Adrienne D. Wilson, B.S., Syracuse University, 1970. Education.
Robert Mark Wilson, B.A., DePauw University, 1971. Economics.
Michael J. Wilt, B.A., Franklin and Marshall College, 1972. Slavic.

Orvilla E. Wong, B.S., Olivet Nazarene College, 1972. Education.
Gwendolyn Lorraine Wood, B.A., Hampton Institute, 1972. Speech.
Sandra Wright, B.A., Southern University, 1972. Education.
Charles Yarnoff, A.B., Oberlin College, 1972. English.
Katherine Buffmire Yatsko, B.S., Northwestern University, 1972. Speech.
Gregory Philip Yocherer, B.A., Michigan State University, 1969. History.

MASTER OF ARTS IN TEACHING

Mary Kate Clark, B.A., Kirkland College, 1972. Education.
Aaron Cooper, B.A., Harvard College, 1972. Education.
Karen Jane Goot, B.A., Stanford University, 1972. Education.
Elizabeth C. Hixson, B.A., Vassar College, 1968. Education.
Bonnie Sue Ochstein, B.S., Northwestern Univeristy, 1971. Education.
Deborah K. Rosene, B.A., Stanford University, 1971. Education.
Julia Anne Smucker, B.A., Goshen College, 1971. Education.
Dan Michael Worrall, B.A., Rice University, 1972. Education.

MASTER OF FINE ARTS

Howard Anthony Paveglio, B.F.A., Chicago Academy of Fine Arts, 1970. Art.
James Christopher Smith, B.F.A., Southern Illinois University, 1971. Art.

MASTER OF SCIENCE

Rustum Jehangir Adranvala, B.Tech., Indian Institute of Technology, 1970. Chemical Engineering.
Yusuf Ahmed, B.A., Haile Selassie University (Ethiopia), 1968. Transportation.
Christian E. Allan, B.A., Northwestern University, 1973. Chemistry.
Paul Adrian Aristoff, B.A., Northwestern University, 1973. Chemistry.
Dimitrios K. Atmatzidis, Eq. of B.S., University of Thessaloniki (Greece), 1971. Civil Engineering.
Robert Earl Bailey, B.S., Clarkson College of Technology, 1971. Electrical Engineering.
Marvin L. Bayne, B.A., Western Maryland College, 1972. Biological Sciences.
Michèle Bellon, Eq. of B.S., Faculte des Sciences de Paris, 1970. Nuclear Engineering.
Pradip Kumar Bhattacharya, B.S., University of Calcutta (India), 1968. Civil Engineering.
Eric B. Bolusky, B.S., Boston University, 1971. Transportation.
Thomas Edward Brady, B.S., Elmhurst College, 1971. Materials Science.
Ira G. Braunstein, D.M.D., University of Louisville, 1971. Dentistry.
David L. Brautigan, B.A., Kalamazoo College, 1972. Chemistry.
Stephen Brennom, B.S., Northwestern University, 1970. Materials Science.
Laural Louisa Briggs, B.S., Northwestern University, 1972. Nuclear Engineering.
James M. Broadbent, B.S., Brigham Young University, 1965; D.D.S., Northwestern University, 1969. Dentistry.
Dexter Bryson Brown, D.D.S., University of Washington, 1968. Dentistry.
Casimir Richard Bulikowski, B.S., University of Massachusetts, 1971. Chemical Engineering.
David W. Burry, B.A., Northwestern University, 1973. Mathematics.
Glenn Eu Chung Chang, B.A., Northwestern University, 1973. Chemistry.
Haydn Hai-Dung Chen, B.S., National Tsing-Hua University (Taiwan), 1970. Physics.
Gideon Chiel, B.S., Technion (Israel), 1969. Civil Engineering.
Hyung Suck Cho, B.S., Seoul National University, 1971. Mechanical Engineering.
Ronald Lee Cohen, B.A., Northwestern University, 1972. Biological Sciences.
Marcia Bridge Cooke, B.A., Occidental College, 1968. Biological Sciences.

Valerie Ruth Creaser, B.A., Mount Holyoke College, 1972. Biological Sciences.
Lawrence Franks Cunningham, B.S., Niagra University, 1970. Transportation.
Gerard E. Damay, Eq. of B.S., Ecole Superieure des Sciences Economiques et Commerciales (Paris), 1970. Transportation.
Francisco Damico, D.D.S., Faculdade Odontologia Triangulo Mineiro (Brazil), 1962. Dentistry.
Susan Vanderberg Dent, B.A., Northwestern University, 1973. Chemistry.
Daniel P. DeRoner, B.S., Lafayette College, 1971. Materials Science.
Keith L. Derstine, B.S., Northwestern University, 1971. Computer Science.
George Wayne Dietrich, B.S., Northwestern University, 1966. Electrical Engineering.
María Teresa Maino Dixon, B.S., University of Chile (South Amerca), 1966. Physiology.
Bernard H. Dolansky, B.A., McGill University, 1966; D.D.S., University of Montreal, 1970. Dentistry.
David Barclay Dowling, B.S., University of California, 1967; D.D.S., University of Tennessee, 1971. Dentistry.
Lori Nash Dribin, B.A., Northwestern University, 1972. Biological Sciences.
Bernard DuBois, Eq. of B.S., University of Paris, 1969. Management.
Jack Alexander Dustin, B.A., Northwestern University, 1972. Biological Sciences.
James B. Eckenhoff, B.S., University of Pennsylvania, 1966. Civil Engineering.
Gary Robert Erenrich, B.S., Northwestern University, 1972. Civil Engineering.
John Harry Fournier, M.D., Loyola University Medical School, 1966; M.S., 1967. Ophthalmology.
Herve Jean-Baptiste Freslon, Eq. of B.S., Institut National des Sciences et Techniques (Paris), 1969. Nuclear Engineering.
Steven Michael Gerstein, B.S., Rensselaer Polytechnic Institute, 1972 Chemical Engineering.
Raymond J. Glatthorn, B.S., Pennsylvania State University, 1966. Materials Science.
John Louis Glazik, B.E., The Cooper Union, 1971. Mechanical Engineering.
Andrew Richard Gordon, B.S., University of Waterloo (Canada), 1971. Civil Engineering.
Barbara Grubb, B.A., Illinois Wesleyan University, 1970. Physiology.
Elaine M. Gugula, B.A., University of Michigan, 1972. Astronomy.
Francis Brock Gularte, B.S., University of Southern California, 1970. Civil Engineering.
Margaret C. Hansell, B.A., Smith College, 1955. Astronomy.
John Edward Hennessy, Jr., B.E.E., University of Dayton, 1970. Biomedical Engineering.
Robert William Hernquist, B.S., Northwestern University, 1968. Chemical Engineering.
Michel M. Hertz, Eq. of B.A., University of Lyon (France), 1971. Electrical Engineering.
James Carter Hill, B.S., Lehigh University, 1969. Materials Science.
Jeffrey Norman Hoffner, B.E., The Cooper Union, 1971. Electrical Engineering.
Roy Yoshikazu Hori, B.A., University of Toronto, 1967. Civil Engineering.
Philip David Houck, B.S., Pennsylvania State University, 1971. Biomedical Engineering.
Neal David Hulkower, B.A., Northwestern University, 1970. Applied Mathematics.
Mark Hundert, B.A.Sc., University of Toronto, 1971. Industrial Engineering.
David Louis Jeanmaire, B.A., Carthage College, 1972. Chemistry.
Jae Hyun Jo, B.S., Seoul National University, 1966. Chemical Engineering.
Laurance S. Johnston, B.S., Hamline University, 1972. Biological Sciences.
Stephen Sinclair Jones, B.A., University of California, 1970. Computer Science.
Richard A. Jorgensen, B.A., Northwestern University, 1973. Chemisty.
Terry M. Kachigan, B.A., St. Olaf College, 1969. Computer Science.
Ysufu Kalindaga, B.A., University of East Africa, 1968. Transportation.
Atushi Kameda, B.A., University of Illinois, 1971. Civil Engineering.
Katharine Anne Kappauf, B.A., Northwestern University, 1973. Chemistry.
Rakesh Khurana, B.S., Punjab Engineering College, 1968; Diploma, Indian Institute of Management, 1970. Management.

Weerawat Klud-Um, B.E., Naval Engineering School (Thailand), 1970. Mechanical Engineering.
Stephen Krogsrud, B.S., University of Illinois, 1972. Chemistry.
Richard Jay Langley, B.S., Virginia Polytechnic Institute, 1970; M.S., Massachusetts Institute of Technology, 1971. Computer Science.
Nancy Rogers Lee, B.A., Northwestern University, 1972. Chemistry.
Roger Clark Lefers, B.S., Calvin College, 1970. Clinical Pathology.
Ernest W. Lefever, B.A., Northwestern University, 1972. Biological Sciences.
David Lev, B.S., Israel Institute of Technology, 1965. Civil Engineering.
John W. Likes, B.S., Colorado School of Mines, 1969. Management.
Chiun-Tsu Lin, B.S.E., Taiwan Cheng Kung University (Taiwan), 1967. Civil Engineering.
Tsong-Dar Lin, B.S., Chung Yuan Christian College of Science and Engineering (Taiwan), 1970. Chemical Engineering.
Wen Hsiung Lin, B.S., Fu-Jen Catholic University (Taiwan), 1968. Mathematics.
Patricia Ann Lindquist, B.A., Northwestern University, 1973. Chemistry.
Veronika Lisulow-Orsic, D.D.S., Northwestern University, 1969. Dentistry.
Thomas Ying-Ching Lo, B.S., National Taiwan University, 1969. Electrical Engineering.
Susan A. Lohman, B.S., University of Georgia, 1968. Clinical Pathology.
Rees Christian Madsen, B.S., Brigham Young University, 1970. Civil Engineering.
Umaru Muhammed Makarfi, B.S., Ahmadu Bello University (Nigeria), 1971. Mathematics.
Thomas Joseph Martin, B.S., University of Notre Dame, 1971. Industrial Engineering.
Charles R. Martinez, D.D.S., Northwestern University, 1969. Dentistry.
John Ernest Matz, B.S., Northwestern University, 1971. Electrical Engineering.
John William McAuley, B.S., Queen's University (Canada), 1971. Chemical Engineering.
Ibrahim Bin Mohamed, B.A., University of Malaya (Malaysia), 1967. Transportation.
Thomas G. Mueller, B.S., Northwestern University, 1971. Materials Science.
William Edward Muno, B.S., University of Notre Dame, 1971. Chemical Engineering.
Patricia Anne Vanikiotis Naedel, B.A., Northwestern University, 1970. Biological Sciences.
Kenneth Edward Nelson, B.S., University of Illinois, 1970. Civil Engineering.
Evelyn Harriet Nobles, B.S., Southern Methodist University, 1971. Chemistry.
Richard Melton Norman, B.C.E., University of Virginia, 1968. Transportation.
Richard Thomas O'Connell, B.S., Purdue University, 1970. Management.
Gary Lee Ogrosky, D.D.S., Northwestern University, 1971. Dentistry.
Hiroki Okimi, B.E., University of Tokyo, 1964; M.E., 1966. Chemical Engineering.
Thomas William Ott, B.S., University of Michigan, 1972. Chemistry.
Daniel Chase Parsons, B.A., Northwestern University, 1972. Chemistry.
William Edmonston Pearson II, B.S., University of Rochester, 1971. Chemical Engineering.
Henry William Pennline, B.S., Carnegie-Mellon University, 1971. Chemical Engineering.
Edmond A. Pereira, B.Tech., Indian Institute of Technology (Bombay), 1970. Computer Science.
Nongnuj Pirojboot, B.S., Mahidol University (Thailand), 1968. Clinical Pathology.
June Joy Podjasek, B.S., Northern Illinois University, 1969. Clinical Pathology.
Abishai Polus, B.S., Israel Institute of Technology, 1967. Civil Engineering.
Robert Prowda, B.S., Boston University, 1970. Transportation.
John Edward Racek, B.S., Valparaiso University, 1967. Civil Engineering.
Srinivas Raghavachari, B.E., College of Engineering (India), 1970. Mechanical Engineering.
Manuel Jose Regules-Uriegas, Eq. of B.S., Instituto Tecnologico de Monterrey (Mexico), 1969. Industrial Engineering.
Paul Gregory Reichel, B.S., Northwestern University, 1968. Nuclear Engineering.
Eduardo L. Roberto, A.B., B.S.B., De La Salle College (Philippines), 1963. Management.

Marc Francis Roddin, S.B., Massachusetts Institute of Technology, 1971. Transportation.
Mary Katherine Romeo, B.A., The Ohio State University, 1966. Industrial Engineering.
Peter Gerald Rose, B.S., Ilinois Institute of Technology, 1972. Mathematics.
Albertina Rossi, B.A., University of Massachusetts, 1967. Biochemistry.
Antony Spyridon Rousseas, B.S., Northwestern University, 1972. Electrical Engineering.
Gunnel M. Almgren Schaar, Eq. of B.A., University of Stockholm, 1969. Industrial Engineering.
Gregory J. Schade, B.S., University of Idaho, 1964; D.D.S., Northwestern University, 1968. Dentistry.
Michael William Schaffner, B.C.E., University of Dayton, 1971. Civil Engineering.
Melvin Aaron Schechtman, B.S., Northwestern University, 1971. Electrical Engineering.
Mark Henry Scheibe, B.S., University of Santa Clara, 1971. Civil Engineering.
Richard Joseph Schwall, B.S., California Institute of Technology, 1971. Chemistry.
John Michael Sebeson, B.S., Michigan State University, 1969. Materials Science.
Phillip Steven Shapiro, B.S., Pennsylvania State University, 1971. Civil Engineering.
Yih-Wan H. Sheu, B.S., Taiwan Cheng-Kung University, 1968. Transportation.
Edward S. Shinbach, B.S., Lafayette College, 1970. Chemical Engineering.
Douglas P. Shore, B.A., Northwestern University, 1972. Biological Sciences.
John Slater, B.S., Northwestern University, 1972. Materials Science.
Wayne Russell Smith III, B.S., Northwestern University, 1968. Computer Science.
Shing-Tai Song, B.S., National Taiwan University, 1970. Biomedical Engineering.
Clifford Henry Spiegelman, B.A., SUNY at Buffalo, 1970. Management.
Thomas Stepka, A.B., Boston College, 1971. Computer Science.
Gordon Keith Stipp, B.S., University of Missouri, 1971. Chemical Engineering.
Jeffrey P. Strauss, B.S., Stevens Institute of Technology, 1970. Biomedical Engineering.
Sujono, Eq. of B.A., Institute of Technology (Djakarta), 1968. Transportation.
Hsiang-ning Sun, B.S., National Taiwan University, 1970. Chemistry.
Christopher Perry Swartz, D.D.S., The Ohio State University, 1969. Dentistry.
Tang Jih-Shan, B.S., Chung-Cheng Institute of Technology (Taiwan), 1967. Electrical Engineering.
Minoru Taya, B.S., University of Tokyo, 1968. Civil Engineering.
Walter P. Tibbetts, B.S., Boston University, 1964. Transportation.
Kuang-Fu Tien, B.Sc., National Taiwan University, 1968. Mathematics.
Richard Henry Tilghman III, B.S., University of Notre Dame, 1971. Civil Engineering.
Russell L. Titus, B.S., Northwestern University, 1970. Materials Science.
Tom Robert Tramm, B.S., Purdue University, 1968. Nuclear Engineering.
Minoru Umemoto, B.S., Kyoto University (Japan), 1971. Materials Science.
Gretchen L. Van Meer, B.A., Alma College, 1963. Civil Engineering.
Perfecto Lim-Aco Vasquez, B.A., Anteneo de Manila University, 1969. Transportation.
William Lawrence Wallace, B.S., Memphis State University, 1971. Chemistry.
William O. Wallace, B.S., Duke University, 1968. Biomedical Engineering.
Kuan-Lan Wang, B.S., National Taiwan University, 1969. Mechanical Engineering.
Pai-Kang Wang, B.S., Tung Hai University (Taiwan), 1969. Civil Engineering.
Mary Ann S. Ward, B.A., SUNY at Albany, 1969. Transportation.
Peter Everett Ward, B.A., Georgetown University, 1968. Transportation.
John Howard Warford, B.A., B.S., University of Minnesota, 1967; D.D.S., 1971. Dentistry.
Rita Marie Watson, B.A., University of Nebraska, 1971. Microbiology.
Edward J. Weiler, B.A., Northwestern University, 1971. Astronomy.
Steven Alan Weiss, B.E.S., The Johns Hopkins University, 1971. Industrial Engineering.
Jane Louise Wenger, B.A., Goshen College, 1969. Clinical Pathology.
Derek Brian Wilson, B.S., Queen's University (Canada), 1971. Transportation.
John Monroe Bowie Wilson, B.A., Howard University, 1959; J.D., John Marshall Law School, 1965. Biochemistry.

James Arthur Wojno, B.S., Carnegie-Mellon University, 1971. Civil Engineering.
Laurence Neal Wright, B.A., San Diego State College, 1970. Transportation.
Ying-Yen Wu, B.S., Chung-Cheng Institute of Technology (Taiwan), 1968. Chemical Engineering.
Keng-Chih Wu, B.S., National Chiao-Tung University (Taiwan), 1969. Biomedical Engineering.
Robert Harold Zaugg, B.A., University of California, 1972. Biological Sciences.
Tahir Zia, B.E., University of Karachi (Pakistan), 1969. Chemical Engineering.

THE DIPLOMAS

THE COLLEGE OF ARTS AND SCIENCES

Candidates presented by DEAN HANNA H. GRAY

DIPLOMA IN ARTS AND SCIENCES

Robert Anthony Biesiedzinski
John Francis Di Guida
Kathleen Margaret Fischer
Sharon L. Kuzmicz
Agnes Burgess Lenckos
Robert Melvin Neumann
Diana Schutj
Thomas Roy Stedman
Gordon Laurence Sundeen
Gloria Wierzbicki Tomaszewski

THE SCHOOL OF DENTISTRY

Candidates presented by DEAN NORMAN H. OLSEN

DIPLOMA AS DENTAL HYGIENIST

Nancy A. Backenkeller
Diana Kay Baker
Susan Anne Baldinger
Vickie Lynn Berglund
Kaye Louise Bittmann
Loris Joye Brown
Mary Anne Burbulis
Mary Theresa Caveny
Donna Carol Chernick
Sue M. DeSalvo
Janet Ellen Duke
Julie Ringenberg Essenburg
Gillian J. Feitlich
Peggy Fillastre
Sharon Ruth Gottlieb
Millie J. Hudson
Lynn Patricia Kiessling
Denise Carol Kozloff
Katherine Sue Mitchel
Dorothea A. Naughton
Lana A. Nawarynsky
Catherine Ann Ochrimowski
Joanne Theresa Poco
Kristin Ripplinger
Donna Elizabeth Suckow
Margaret Anne Terrell
Janet Lee Troutt
Wendy Sue Veitel
Martha Elizabeth Wilkes
Camille K. Ziegler

THE TRAFFIC INSTITUTE

Candidates presented by DIRECTOR JAMES M. SLAVIN

DIPLOMA IN TRAFFIC POLICE ADMINISTRATION

Richard K. Abshire
Walter Y. Alo
Willard O. Askew
Donald Atwell
Louis H. Barth
William L. Baucom
John O. Baudek
Charles E. Baxley
Edwin Bishop
Joseph R. Bolesta
Joseph I. Bopp
Donald C. Bradbury
Thomas P. Brennan
David W. Brown
William F. Burns
John J. Cadogan

John B. Calderwood
Roger A. Careaga
Robbie N. Carroll
William J. Connolly
John L. Demand, Jr.
Thomas E. DeWitt, Sr.
Robert B. Dixon
Alberto M. Donastorg
Kirby K. Duncan
Lee E. Elliott
Edward R. Fish
Harold D. Fitzsimmons
John H. Fream
Ladd Furge
Larry G. Garbo
Donald H. Garibaldi
Kenneth M. Garloch
T. Lloyd Gibbs
James J. Grace
Thomas J. Greene
David M. Hanley
Thomas J. Hanus
Emerson O. Haslet
Harvey N. Hendrick
Alvin A. Herzfeld
Richard F. Hollis
Ernest A. Jacobi
Dennis W. Jamieson
Austin C. Jerpe
Arden J. Johnson
Charles A. Jones
R. Thomas Justice
James D. Keating
Michael M. Kennedy
William R. Kohnke
Norman J. Kubish
Walter P. Kurpiewski
Roger W. Lenz
Donald L. Lonnecker
Maurice O. McFarlane
John W. Marshall
Albert Medina
Robert J. Mitchell
Delbert J. Mittelhauser
Melvin C. Mooers
James M. Moran
James D. Neimer
Thomas J. Nestel
Rudolph E. Nimocks, Sr.
Frederick L. O'Reilly
Vincent J. Peszynski
Jay H. Propst
William M. Rathburn
Thomas W. Rice
Kermit L. Richard
John A. Rigol, Jr.
Ralph W. Robinett
Charles M. Robinson
Robert G. Sauer
Melvin L. Schallberg
Glenn W. Sewell
Robert L. Smith
Sterling J. Standiford
Terry L. Stewart
Herbert A. Timm
Donald J. Verbeke
Kenneth R. Wagner
Logan E. Waldrup
William O. Weldy
Wilbur L. Wells
Frank C. Wichlac, Jr.
Charles E. Wilmoth
Daniel E. Wood

THE COMMISSIONS

COMMISSIONS AS ENSIGN IN THE LINE, U. S. NAVY

Patrick D. Dineen
Robert K. Heuchling
James R. Lundeen
Ivan D. Newton
Glenn A. Ousterhout
Walter E. Ringen III
Joel N. Weber
John D. Wherry II

COMMISSION AS ENSIGN, SUPPLY CORPS, U. S. NAVY

Glenn K. Masukawa

COMMISSION AS SECOND LIEUTENANT, U. S. MARINE CORPS

James P. Naughton

DEGREES GRANTED

since June 1972

Academic Year 1972-73

DOCTOR OF MEDICINE

Richard Warren Brinkman
Frank Ellis Burkett
Howard Andrew Coren
James Steven Epler
Stanley Joseph Goldberg
Robert Thomas Gordon
William MacGregor Green
John Alan Hefferon
Helen Tong Ho
Don Simon Jensen
Hans Reiner Kuisle
Michael Allan Love
John Earl Lowe
Craig Stanley Miller
Mark Bruce Nissenbaum
William Frank Pfisterer
Allan Jay Weiland

DOCTOR OF DENTAL SURGERY

Rodney Lee Beard
James Gary Bischoff
Ronald J. Felt
Curtis Ray Johnson
Edward J. Kriksciun
William Randolph Lazear
William Russell Martin, Jr.
Richard Charles Miller
Richard Lee Nedelman
James John White
Merle Stanley White
Marston Kin Sun Wong
Michael Robert Zakula

DOCTOR OF MUSIC

James Miner Leland, B.A., Oberlin Conservatory of Music, 1962; M.M., Northwestern University, 1963. Organ performance. Written projects: An Historical Basis for the Registration of J. S. Bach's Organ Works; Arnold Schoenberg's Variations on a Recitative, Opus 40; The Organ Continuo in Bach's Leipzig Church Music.

MASTER OF MUSIC

Diane Olofson Aumann, B.A.Ed., Luther College, 1968.
Daina Maria Borgiel, B.M., DePaul University, 1969.
Joan Boyd Carne, A.B., Stanford University, 1971.
Rebecca Ann Eutsler, A.B., Randolph-Macon College, 1971.
Carolyn Jean Herman, A.B., Lenoir Rhyne College, 1970.
Craig Randal Johnson, B.A., University of Minnesota, 1970.
Jennifer Helen McKenzie, B.M.E., Northwestern University, 1971.
Stewart Lewis Ross, B.M., Lawrence University, 1972.
Catherine Eddy White, B.A., Wellesley College, 1971.

MASTER OF SCIENCE IN JOURNALISM

Emil B. Harrison, Jr., B.S.J., University of Oklahoma, 1959.
Henry Samuel Klibanoff, B.A., Washington University, 1970.
Leroy George Lennox Lashley, B.A., Howard University, 1971.
Duane Preston Watts, B.A., City College of New York, 1971.
Thomas F. Wechsler, A.B., University of Illinois, 1968.

Summer Session 1972

BACHELOR OF ARTS

Christine Beard
Robert Bell, Jr.
Karen Lois Robinson Benion
Thomas Pritchett Bleck
Deena Moore Breed
Michael John Buonsanto
Suzette Cavanaugh
Betsey Batchelder Cogswell
Sandra Dixon Consigny
Joanne Coshonis
Lynne Mary Crosby
Gilton Gregory Cross
David Spencer Dearden
Rebecca Malone Del Rosso
Thomas Dent
Kevin Drake Dixon
Lawrence Louis Floreani
Alan Jay Freint
Sarah Ann Gantner
Deborah Lynn Goldberg
Willard Carl Hass
Anne Melanie Huff
Peter Edward Jaret
Carolyn Hartman Jerdan
Marcia Jeanine Wright Kassner
Patricia Ellen Kelly
Robert Joseph Kepka
James Monroe Kinney
Mitchell Lewis Klein
Robert Erwin Kluender
Roger Lancaster
Mollie Rose Lapofski
Ernest Weaver Lefever
Daniel Pong-Hing Lo
Larry Richard Markovitz
Henry Marcus Masek
John Joseph McCarthy
Mary Ann Kathryn McNamee
Ira Meiselman
Ellen Ruth Meltzer
David Jay Mock
John MacGregor Moulding
Edward Bruce Nicholson
Michael Allen Niss
Teana Meryl Parish
Thomas Crimmins Parsons
Frank Leonard Pasquale
Richard John Pisha
Edward Steven Ravine
Lisa Sara Redd
Jo Ann Rinckenberger
Joan Harris Ross
Robert Allen Sandberg
Joan Schneikart
Laura Ann Schain
Mary Kuni Suzuki
Jeanne Edna Thelwell
Janis Joan Travaglini
Edward Vincent Washington, Jr.
Juanita Mazique Watson
Thomas Weinberger
Karen Helen White
Mark Alexander Wolf
Adrian Elizabeth Williams

BACHELOR OF PHILOSOPHY

Joseph Anunciacion
Eleanor Ann Brethauer
Ilija Djurisic
Douglas Allan Fleming
William John Hobing
Robert Charles Ingle
JoAnn Mary Johnson
Peter Francis Méder
Warren Edward Miller
Robert Bernard Novak
Dennis Andrew O'Connell
Paul Franklin O'Donnell
Demetrios Papadimas
Sara Catherine Sacksteder
Madeleine Carroll Schwarz
Frank Stock Tressler

DIPLOMA IN ARTS AND SCIENCES

Hripsime Mae Jenichs

BACHELOR OF SCIENCE IN SPEECH

Susan Carol Bozich
Catharine Goodfellow Bushnell
Susan Denise Bussey
Roger Marvin Campbell
John Wallace Davis III
Robert John Flint
Virginia Healy Hamje
William Whitfield Jackson
Diane Rochelle Margolis
Ronald Maurice Paul
Linda Celeste Powell
Joan Brizzie Sorgel
Karen Ruth Wexler

DOCTOR OF MUSIC

David Lee Foster, B.M., Oberlin College, 1958; M.M., Indiana University, 1964. Organ Performance. Written projects: A Study of Orchestral Concerti in the Organ Transcriptions of J. S. Bach and Johann G. Walther; A Study of the Cantus Firmus Organ Compositions of Ernst Pepping; A Study of the Chorale Settings for Organ Contained in the Opus 122 Collection of Johannes Brahms.

William Barron Knaus, B.M., American Conservatory of Music, 1950; M.M. American Conservatory of Music, 1953. Church Music. Written projects: An Analysis of Four Selected Organ Fugues; Development of the Requiem as a Compositional Form to G. Faure; An Analysis of Four Selected Organ Fugues.

MASTER OF MUSIC

Sister Carol Artery, O.P., B.A., Edgewood College of the Sacred Heart, 1962.
Roger Dale Birkeland, B.M., University of Northern Iowa, 1970.
Brenda Kay Born, B.M., Northwestern University, 1971.
Janice Irene Butz, B.A., Hood College, 1971.
Sue Carole Carter, B.A., Mundelein College, 1971.
Charles Alexander Cauthen, B.M.E., University of Southern Mississippi, 1970.
Beverly Jean Chapman, B.A., Baylor University, 1965; B.M., De Paul University, 1970.
Mary Kathryn Cowles, B.A., Carleton College, 1971.
Roberta Christine Crawford, B.M., Alverno College, 1969.
Judith Ann Cronin, B.A., St. Mary of the Woods College, 1969.
James Joseph Csajaghy, B.M.E., Northwestern University, 1971.
Charles Frank Decker, B.M., Eastman School of Music, 1968.
Judith Dewell, B.V.M., B.A., Mundelein College, 1960.
Robert Emerson Diehl, B.M.E., Northwestern University, 1971.
Sister Janet Dielen, O.S.F., B.A., Cardinal Stritch College, 1963.
Susan Marie Duff, B.M., St. Olaf College, 1971.
John Richard Eggert, B.S., Concordia College, 1968.
Sheldon Donald Elias, B.M., American Conservatory of Music, 1969.
Beverly Jean Foster, B.A., Penn State University, 1970.
Kathleen Joyce Foyt, B.M.E., Baylor University, 1970.
Joseph Vincent Gallagher, B.M., Northwestern University, 1949.
Robert Dwayne Goodell, B.M., Yankton College, 1969.
James Gordon, B.M.E., Northwestern University, 1967.
Nancy Ellen Gorgol, B.A., St. Xavier College, 1968.
Arthur Richard Halbardier, B.S., Concordia Teachers College, 1964.
Michael Lee Henoch, B.M., Northwestern University, 1971.
Steven Lorenz Hepner, B.A., Elmhurst College, 1968.
Mary Margaret Herzog, B.A., College of St. Teresa, 1965.
Isabella Yin Yee Ho., B.M., Roosevelt University, 1971.
Charles Richard Hurt, B.S., University of Tennessee, 1969.
Eileen Theresa Jaeger, B.M., St. Mary's College, 1966.
Robert Fred Kern, B.S., Illinois State University, 1966.
Thomas Armin Klug, B.M., Lawrence University, 1969.
Barbara Kopsian, B.A., University of Illinois, 1970.
Kenneth Joseph Kronholz, B.M.E., Baldwin-Wallace College, 1968.
Harris John Lanzel, B.S., Mansfield State College, 1968.
Clara Rosenzweig Lindner, B.M., Northwestern University, 1971.
Robert John Lucas, Jr., B.M.E., Butler University, 1971.
Sister Maryanne McSweeney, B.V.M., B.M., Mundelein College, 1957.
Maryl Lee Nier, B.A., Lake Forest College, 1955.
Stanley Andrew Paluch, B.M., De Paul University, 1969.
Gayle Pantaleo, B.M., Northwestern University, 1971.
Martha Catherine Schubert Peck, B.M.E., Florida State University, 1964.
Michelene Rose-Anne Pivorunas, B.M., University of New Hampshire, 1970.
James Winslow Potter, B.A., Luther College, 1969.
David Alan Rauter, B.M., Wheaton College, 1970.

Marilyn Fornwalt Rauter, B.M., Wheaton College, 1970.
Ann Kwerneland Robert, B.M.E., North Park College, 1967.
Roger Rocco, B.M., Roosevelt University, 1971.
Lynette Robb Schindler, B.M., B.M.E., Mount Union College, 1969.
Robert Eugene Schindler, B.M.E., Mount Union College, 1968.
Kristine Irene Schroeder, B.M., University of Wisconsin, 1970.
Sharon Elizabeth Schuster, B.M.E., University of Louisville, 1971.
Elaine Phelps Shelton, B.M., Mac Murray College, 1953.
Gerald Hayden Sloan, B.A., Arkansas Polytechnic College, 1969.
Helen Cook Snowdon, B.A., Penn State University, 1970.
Timothy James Stewart, B.M.E., Northwestern University, 1971.
Lourdes y Bautista Villaneuva, B.A., St. Scholastica's College, 1968.
James Robert West, B.M., B.M.E., American Conservatory of Music, 1969.

BACHELOR OF MUSIC

Susan Gale Ballard
Jacquelyn Bonnie Becker
Dale Mara Bershad
Catherine Elizabeth Cowan

BACHELOR OF MUSIC EDUCATION

Paul Edward Ballard
Jeanne Elaine Flemming
Laurel Elizabeth Schroeder

MASTER OF BUSINESS ADMINISTRATION

Day Program

Ronald George Bartsch, B.B.A., University of Wisconsin, 1971.
Renaud du Mesnil de Maricourt, Diplôme, Institut d'Etudes Politiques, Université de Paris, 1958.
Pierre Arnaud Etcheverry, Licence ès Sciences Economiques, Faculté de Droit et Sciences Economiques, 1964.
Peter Alexander Frantz, B.B.A., University of Iowa, 1968.
John Dennis Fudemberg, B.B.A., University of Wisconsin, 1971.
VanBuren Nelson Hansford, Jr., B.A., Denison University, 1970.
David Harold Sherman, A.B. (L.A.S.), University of Illinois, 1969.
Charles Henry Vaughn, Jr., B.S., Boston College, 1966.

Evening Program

John William Boyan, B.A., Marquette University, 1963.
Darius Keki Captain, B.S., Michigan Technological University, 1968.
Rodolfo Ygnacio Eusebio, B.S., University of Santo Tomas, Philippines, 1963.
John David Fisher, A.B., Duke University, 1969.
Robert Patrick Heffernan, A.B., John Carroll University, 1965.
Robert Allan Hielscher, B.S., Northwestern University, 1970.
Teodorico San Juan Mendoza, B.B.A., University of the East, Philippines, 1962.
Thomas Mark Noone, B.S., University of Manchester, 1948; Ph.D., 1954.
Kenneth James Sulek, A.B., University of Michigan, 1961.
David Robert Waller, B.S.B.A., Ohio State University, 1968.
Dennis John Wise, B.S., Northern Illinois University, 1968.

BACHELOR OF BUSINESS ADMINISTRATION

John C. Neubauer

DIPLOMA IN BUSINESS

Albert V. Carter

MASTER OF SCIENCE IN JOURNALISM

Daniel Butzel Frey, Jr., A.B., Brown University, 1967.
Janet Susan Key, B.S.J., Northwestern University, 1969.
Elisabeth Mary Meyer, B.A., Stanford University, 1968.

BACHELOR OF SCIENCE IN JOURNALISM

Walter Peter Belback
David Andrew Blasco
Rebecca Olivia Campoverde
Richard Ernest George Cross
Marilyn Jane Elliott
Deborah Lynn Galloway
Rose-Marie Jacobius
Laurence Ashley Rigg
Susan Ellen Zeman

BACHELOR OF SCIENCE IN EDUCATION

G. Kenneth Byrd
Mary Hayden Cohen
Charles Raymond Conrad
Patricia Norvelle Prescott
Suellyn Ziven

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Martin A. Farber

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Donald L. Bolen

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Nathan A. Horowitz

BACHELOR OF SCIENCE IN SCIENCE ENGINEERING

John James Horn
John G. Slater
Timothy James Wiese

THE GRADUATE SCHOOL

DOCTOR OF PHILOSOPHY

Nobuhiko Abe, B.E., Waseda University, 1965; M.E., Tokyo Institute of Technology, 1967. Materials Science. *Quantitative Determination of Retained Austenite Using Mössbauer Effect Spectroscopy.*

John Dyer Arras, B.A., University of San Francisco, 1967; M.A., Northwestern University, 1968. Philosophy. *A Critique of Existentialist Ethics.*

Mary Jean Bach, B.A., Northwestern University, 1969; M.A., 1971. Psychology. *Implicit Response Frequency and Recognition Memory Over Time.*

Bruce Richard Barkstrom, B.S., University of Illinois, 1966. Astronomy. *Energy Transfer by Fluctuation in a Plasma.*

Donald Barry, B.S., City College of New York, 1966. Chemistry. *The Hydrogenation of 2,2,5,5-Tetramethyl-3-Hexyne on a Supported Platinum Catalyst.*

A. Matthew Bazik, B.S., Illinois State University, 1960; M.S., 1961. Education. *Evaluation of a Plan for Individualizing Instruction Through Informing Students of Behavioral Objectives in a Mathematics Course for Prospective Elementary School Teachers in Elmhurst College.*

Alden Suydam Bean, B.A., Lake Forest College, 1961. Management. *Management Science—Client Relationships: Studies of Linking Mechanisms.*

Richard Edward Beane, B.S., Union College, 1964; M.S., University of Arizona, 1968. Geological Sciences. *The Thermodynamic Analysis of the Effect of Solid Solution on the Hydrothermal Stability of Biotite.*

Peter Mark Becker, B.S., Concordia Teachers College, 1962; M.A., Northwestern University, 1966. Sociology. *An Analysis of the "Transfer Student Problem" at Concordia Teachers College.*

Hilton Stith Bennett, B.A., Lake Forest College, 1968; M.A., Northwestern University, 1969. Sociology. *Other People's Music.*

Roger M. Berg, B.S., Loyola University, 1966. Education. *Resources for Teaching International Education in the Elementary School Social Studies Curriculum.*

John J. Berman, A.B., Xavier University, 1968; M.A., Northwestern University, 1970. Psychology. *Parolees' Problems, Aspirations, and Attitudes.*

Susan Adair Schmidt Bies, B.S., SUNY at Buffalo, 1967; M.A., Northwestern University, 1968. Economics. *Commercial Banking in Metropolitan Areas: A Study of the Chicago SMSA.*

Clifford Merwyn Black, B.A., Adrian College, 1963; B.D., Methodist Theological School, 1964. Religion. *Leader Behavior and Patterns of Religious Bureaucracy.*

Paul Hunts Black, B.E., Illinois Teachers College (South), 1959; Chicago State College, 1969. Education. *The Black School Situation: An Analysis.*

Edward M. Blumstein, B.S., University of Illinois, 1965; M.A., Roosevelt University, 1969. Education. *A Predictive Measure of Empathy.*

George Doherty Bond, B.A., Texas Technical University, 1965; B.D., Southern Methodist University, 1968. Religion. *The Problem of Interpretation in Theravada Buddhism and Christianity.*

Sophia Rhodope Bowlby, B.Sc., Cambridge University, 1966; M.S., Northwestern University, 1968. Geography. *Spatial Variation in Consumer's Information Levels.*

Calvin Pendall Bradford, B.A., Trinity College, 1966; B.D., Andover Newton Theological School, 1969; M.A., Northwestern University, 1970. Sociology. *Units of Ecological Analysis: Social Areas or Statistical Categories?*

Laurie D. Braga, B.S., Boston University, 1968; M.Ed., 1969. Speech. *Development and Evaluation of a Test Analysis System for Describing Intra-Child Variables in Learning Disabled Preschool Children.*

Willy Brandal, B.A., University of Washington, 1964; M.A., 1967. Mathematics. *Almost Maximal Integral Domains.*

Frederick Styles Breimyer, B.A., Ohio Wesleyan University, 1965. Economics. *The Money Stock and the Impact of High-Powered Money: An Aggregated and Regional Investigation from 1879-1897.*

William B. Brennan, Jr., A.B., Catholic University of America, 1953; M.B.A., Harvard University, 1955; M.A., Boston College, 1968. Speech. *The Development of Special Forms of Film at World Expositions (1900-1970).*

Walter E. Busse, B.A., Stanford University, 1966; M.A., Northwestern University, 1968. Political Science. *Correlates of International Agreements: Relating Behavior to National Attributes.*

Thomas Manuel Calero, M.A., University of Chicago, 1954. Sociology. *Technology and the Changing Circumstances of Managerial Careers.*

Gary Thomas Campbell, B.S., Washington University, 1968. Biological Sciences. *Hypothalamic Monoamines and the Photosexual Response in Japanese Quail,* COTURNIX COTURNIX JAPONICA.

Liang Chou, B.S., National Taiwan University, 1967. Microbiology. *Biochemical Activity of Transfer Ribonucleic Acid During Mammalian Brain Development.*

Steven George Clarkson, B.Sc., St. Dunstan's University, 1968, M.S., Northwestern University, 1970. Chemistry. *A Study of the Reaction of Some Cobalt Nitrosyl Complexes with Oxygen.*

Jose Maria Cobian Roa, Eq. of B.S., Technological Institute of Balbao (Spain), 1968; M.S., Northwestern University, 1970. Nuclear Engineering. *Sitting of Nuclear Power Stations.*

Terence Connolly, B.Sc., University of Manchester (England), 1966. Management. *The Effects of Uncertainty on Communication in a Diffuse Decision Process, With an Application to Budgeting Decisions in NASA.*

Fernando Correa Duran, B.S., Universidad del Valle (South America), 1967. Chemistry. *Investigations of Dimethylsilyl and Methylene Bridged Aromatic Groups.*

N. Jean Davis, B.S. in Ed., Ohio University, 1963; M.A., Northwestern University, 1965. English. *Pictorialism in George Eliot's Art.*

Harold Oscar Dendurent, B.A., Sacramento State College, 1968; M.A., Northwestern University, 1969. English. *The Texts and Textual Relationships of Coleridge's* OSORIO *and* REMORSE.

Shari Seidman Diamond, B.A., University of Michigan, 1968; M.A., Northwestern University, 1970. Psychology. *Conformity as a Function of Response Condition and Model Group Size and Composition.*

McKinley Dillingham, A.B., Knoxville College, 1957; M.Ed., 1970; M.Ed., Loyola University, 1970. Education. *A Study of Teacher Attitudes and Self-Concept of Students as Factors Related to Academic Success of Inner City Pupils in a Selected Upper Grade Center.*

Arlan Paul Dohrenburg, A.B., Franklin and Marshall College, 1948; B.D., Princeton Theological Seminary, 1952; M.A., Northwestern University, 1966. Speech. *The Poetic Development of George Meredith from* THE MONTHLY OBSERVER *to "Modern Love."*

Akira Doi, B.S., Kyoto University, 1967; M.S., Northwestern University, 1970. Materials Science. *Simultaneous Plastic Flow and Diffusion During Initial Stage Sintering of LiF.*

Joseph Smith Drake, B.S., Carnegie Institute of Technology, 1963; M.S., Northwestern University, 1965. Civil Engineering. *Rail Merger Evaluation and Rail Freight Route Choice: A Study in Quantitative Impact Analysis.*

Keith Francis Eckerman, B.S., Wisconsin State University, 1962; M.S., Marquette University, 1967. Civil Engineering. *Semiconductor Spectrometer for In Vivo Lead-210 Measurements.*

Jennifer Alice Elizabeth Ann Ehly, B.A., University of Alberta, 1965; M.A., 1967. Political Science. *Images of War and Peace: A Cross-National Study of Children's Orientations to Conflict and Cooperation in the Global System.*

Frances Adelene Freeman, B.A., University of South Florida, 1964; M.A., Northwestern University, 1968. Speech. *Functional Ambiguity in Early Poems by W. H. Auden.*

Leslie O. Frishman, B.S., Brown University, 1966; M.S., Northwestern University, 1971. Physics. *Temperature and Field Dependence of the Magnetic Susceptibility of Single-Crystal Zinc and Dilute Zinc-Copper Alloys.*

Eliezer Fuchs, B.A., Hebrew University (Jerusalem), 1966; M.Sc., 1967. Management. *The Policy Formation Process: A Conceptual Framework for Analysis.*

Geraldine Catherine Gaik, B.S., Mundelein College, 1964; M.S., Loyola University, 1967. Anatomy. *A Morphological Analysis of the Neurons in the Developing and Adult Chicken Trigeminal Ganglion.*

James Monroe Garnett III, B.S., Mississippi State College, 1965; M.S., Northwestern University, 1969. Electrical Engineering. *Nonparametric Bayes Error Estimation Using Nearest Neighbor Sets.*

Mary Mathews Gedo, B.S., University of Illinois, 1948; M.A., Wellesley College, 1950. Art. *Picasso's Self-Image: A Psycho-iconographic Study of the Artist's Life and Works.*

Carol Wettlaufer Gelderman, B.A., Manhattanville College, 1956; M.A., Northwestern University, 1968. English. *In Defense of George Fitzmaurice.*

Bonnie James Gillespie, B.S., Illinois State University, 1963; M.A., Northeastern Illinois University, 1968. Education. *A Descriptive Study of the Academic Achievement of Part-Time Working Students at Northwestern University.*

Herbert A. Golden, B.S., Northwestern University, 1964; M.A., 1965. Speech. *A Study of Games Played in* ADA OR ARDOR: A FAMILY CHRONICLE *by Vladimir Nabokov.*

Virginia L. Graham, B.A., Oberlin College, 1965; M.A., Northwestern University, 1968. Mathematics. *Weakly Wandering Vectors for Compactly Generated Groups of Unitary Operators.*

A. Gerson Greenburg, B.S., University of Chicago, 1959; M.D., 1963. Industrial Engineering. *Medical Decision Modeling: A Concept of Information-Decision Structure From the Vantage of the Physician Decision Maker.*

Donald George Gwinn, A.B., Carleton College, 1964; M.A.T., Northwestern University, 1965. Education. *Factors in the College Selection Process of Certain Applicants Offered Admission to Northwestern University.*

Perry O. Hanson III, A.B., Middlebury College, 1964; M.S., Northwestern University, 1969. Geography. *Travel Patterns of Elderly Households in Uppsala, Sweden.*

R. William Henkel, B.S., Bradley University, 1967; M.A., 1969. Education. *An Examination of Illinois Legislative Efforts to Implement a State Board of Education.*

Gary L. Hobbs, B.A., Augustana College, 1963; M.A., Northwestern University, 1967. Speech. *The Influence of Counterattitudinal Acting as the Attitudes of Actors.*

Tsokan Huang, Eq. of B.A., Chung Chi College (Hong Kong), 1959; M.A., University of Ottawa, 1963. English. *The Magazine Reviews of Keats'* LAMIA *Volume (1820).*

George Gill Hunter III, B.A., Florida Southern College, 1960; B.D., Emory University, 1963; Th.M., Princeton Theological Seminary, 1964. Speech. *Evangelistic Rhetoric in Secular Britain: The Theory and Speaking of Donald Soper and Bryan Green.*

Christopher Olutunde Imoru, B.Sc., University of Ife (Nigeria), 1967; M.S., Northwestern University, 1969. Mathematics. *The Jensen-Steffensen Inequality.*

George F. Jacob, A.B., Hope College, 1963; M.A., Western Michigan University, 1965. Education. *The Initiation, Implementation, and Evaluation of Niles Township High School's Off-Campus Learning Center for Potential High School Dropouts.*

Thomas Richard Jefferson, B.Sc., University of Toronto, 1967; M.Sc., 1968. Industrial Engineering. *Geometric Programming With an Application to Transportation Planning.*

James Boyd Johnson, A.B., Columbia University, 1964; M.A., Northwestern University, 1965. Political Science. *The Nebraska Legislative System: Legislative Roles in a Nonpartisan Setting.*

Ted Gunnar Johnson, B.S., Milwaukee School of Engineering, 1965; M.S., Northwestern University, 1967. Electrical Engineering. *An Adaptive Pattern Recognition System.*

William Henry Johnson, B.A., St. Mary's University, 1968; M.A., Northwestern University, 1970. Psychology. *Suggestibility, Time, Stage of Sleep, and the Effects Upon Subsequent Learning of Hearing Paired Associates During Sleep.*

Tobi Lynn Jones, B.A., University of Kansas, 1968. Microbiology. *A Study* IN VITRO *of Cell-Mediated Immunity to* LISTERIA MONOCYTOGENES.

Warren Jones, B.A., Northern Illinois University, 1959; M.A., 1961. English. *Blake's Large Color-Printed Drawings of 1795.*

Stuart M. Kaminsky, B.S., University of Illinois, 1957; M.A., 1960. Speech. *A Study of the Career of Donald Siegel and an Analysis of his Films.*

Ernece Beverly Kelly, A.B., University of Chicago, 1958; M.A., 1959. Education. *A Study of the Afro-American Content of the Most Widely Used Collegiate American Literature Anthologies, Copyrighted Between 1953 and 1970.*

David A. Kenny, B.A., University of California, 1968; M.A., Northwestern University, 1970. Psychology. *The Measurement and Explanation of Population Effects: Sex Differences in Mathematics and Science in a Longitudinal Study.*

Robert Paul Kertz, B.S., University of Chicago, 1968; M.S., Northwestern University, 1969. Mathematics. *Limit Theorems for Discontinuous Random Evolutions.*

James Lyons Kingsland, B.A., Western Reserve University, 1964. Political Science. *Local Government Decision-Making in Sierra Leone.*

Marquis A. Kirk, Jr., B.S., Northwestern University, 1965. Materials Science. *An X-ray Measurement of Electron Irradiation Disordering of Ordered Ni_3mn Near 80°K.*

Donald George Kirkorian, B.A., San Jose State College, 1961; M.A., 1966. Speech. *An Historical-Descriptive Study of the National Broadcasting Company's Preschool Television Program* DING DONG SCHOOL.

Carol Lou Klun, B.S., Wisconsin State University, 1962; M.S., Ohio State University, 1965. Microbiology. *The Effect of Lymphocyte Culture Fluids in vitro on the Intracellular Growth of Virulent Tubercle Bacilli.*

Ronald Charles Kramis, B.S., University of Washington, 1965; M.A., Northwestern University, 1967. Psychology. *Hippocampal Synchrony and Desynchrony: Frequency-Specific Elicitation by Intracranial Stimuli and Relation to Motivating Brain Stimuli and Behavior.*

Peter Krugmann, Eq. of B.S., University of Stuttgart, 1966; M.S., 1966. Civil Engineering. *Placement Rates for Highway Embankments.*

Ellis Leif Larsen, A.B., Taylor University, 1958; B.D., Christian Theological Seminary, 1961. Religion. *Where Preachers Dare! (An Empirical Evaluation of the Church Renewal Phenomenon During the 1960's).*

Dirk Leemans, Eq. of B.S., University of Louvain (Belgium), 1964; eq. of M.S., 1967. Materials Science. *Strain-Rate Sensitivity and Yield Stress of Fe-Mo, Fe-Ti, and Fe-Re Solid Solutions.*

Wood Alexander Lockhart, B.A., Williams College, 1963. Art. *Airport Development and Design: A New Architectural Development.*

Rufus Ashley Lyman III, B.S., Idaho State University, 1967; M.A., Northwestern University, 1968. Economics. *Demand Conditions in the Electrical Power Industry: An Econometric Study.*

Robert A. Mancini, B.Ch.E., University of Detroit, 1966; M.S., Northwestern University, 1969. Chemical Engineering. *The Oxidation of Sulfur Dioxide Over Vanadium Catalyst.*

Carlos Enrique Martín, B.A., University of Comillas (Spain), 1964; M.A., Loyola University, 1966. Spanish. *Los Recursos Retoricos Como Instrumento Para La Denuncia Social En Las Novelas De Miguel Angel Asturias.*

Stephen Michael Marx, B.S., Washington University, 1966; J.D., Northwestern University, 1969; M.S., 1969. Computer Sciences. *Deductive Question Answering with Material Language Inputs.*

Donald Kenneth Mason, B.S., Purdue University, 1959; M.S., San Jose State College, 1967. Mathematics. *The Functions Which Operate on Fourier-Stieltjes Transforms of Certain Vector Spaces of M (π).*

Craig Edward Mixan, A.B., Holy Cross College, 1968. Chemistry. *Conformational and Bonding Properties of Sulfur and Selenium Compounds.*

Kenneth Charles Monahan, B.A., Northwestern University, 1963; M.A., 1964. Spanish. *Manuel Maples Arce and* ESTRIDENTISMO.

Wesley Morriston, B.A., Queen's University (North Ireland), 1967; M.A., Northwestern University, 1969. Philosophy. *Phenomenology and the Problem of the External World.*

Kermit W. Moyer II, B.A., Northwestern University, 1965; M.A., 1966. English. *The Historical Perspective of F. Scott Fitzgerald.*

Steven Nahmias, B.A., Queen's College, 1968; B.S., Columbia College of Engineering, 1968; M.S., Northwestern University, 1971. Industrial Engineering. *Optimal and Approximate Ordering Policies for a Perishable Product Subject to Stochastic Demand.*

James Walter Nelson, B.S., University of Wisconsin, 1963; M.A.T., Northwestern University, 1964. Education. *Student Non-Attendance, Class Truancy and Failure at the Secondary School Level.*

William Walter Notz, B.S., University of Colorado, 1963; M.S., University of Denver, 1966. Management. *A Juxtaposition of Three Social-Psychologically Based Theories of Organization Behavior Through Natural Field Experimentation.*

Joseph Neil O'Donnell, B.A., Holy Cross Academic Institute, 1966; M.A., United States International University, 1970. Education. *Marathon Group Therapy and In Vivo Group Systematic Desensitization: A Comparison of Treatments for Interpersonal Performance Anxiety.*

Daniel J. Opitz, B.S., University of Chicago, 1967; M.S., Northwestern University, 1968. Mathematics. *Quasi-injective Modules Over Commutative Rings.*

Arthur H. Patterson, B.A., Clark University, 1968; M.A., Northwestern University, 1970. Psychology. *The Effects of a Season of High School Football Upon the Aggressiveness, Self-Esteem, and Innovativeness of the Student-Athlete.*

John Pawlowski, B.A., Northern Illinois University, 1959; M.A., Northwestern University, 1963. Spanish. *The Novels of Fernández de Lizardi.*

Gerry Philipsen, B.A., University of Denver, 1967. Speech. *Communication in Teamsterville: A Sociolinguistic Study of Speech Behavior in an Urban Neighborhood.*

Carolyn Starbuck Pratt, B.A., Wellesley College, 1968. Chemistry. *I. Structural Studies of the Coordination Geometry of the Nitrosyl Ligand. II. Conformational Analysis Studies Based on Strain Energy Minimization Calculations.*

James Donald Qualben, B.A., Wagner College, 1955; B.D., Luther Theological Seminary, 1959; M.A., University of Chicago, 1962. History. *The Language of Exile: An Historical Typology for Medieval and Early Modern Dissent.*

James Michael Rago, B.S., Illinois Institute of Technology, 1966; M.S., Northwestern University, 1969. Mathematics. *Compact Independent Subsets of Locally Compact Abelian Groups.*

Joan Govan Reiter, B.A., Wheaton College, 1952; M.A., Northwestern University, 1965. English. *F. Scott Fitzgerald: Hollywood as Literary Material.*

Lawrence O. Richards, B.A., University of Michigan, 1958; Th.M., Dallas Theological Seminary, 1962. Religion. *Pre-Evaluative Research on a Church/Home Christian Education Program.*

Sholom S. Rosen, B.A., Northwestern University, 1961; M.A., University of Michigan, 1967. Mathematics. *On Torsion in Connective Complex Cobordism.*

Jerrold Jay Rothman, B.A., Washington University, 1962; M.S., University of Missouri, 1967. Education. *The Advisory Board: A Case Study in Formal Co-Optation.*

John Paul Ryan, A.B., University of California, 1968; M.A., Northwestern University, 1969. Political Science. *Myth and Politics: Political Participation in Three American Subcultures.*

Thomas Jefferson Saine III, B.A., University of Denver, 1969; M.A., Northwestern University, 1970. Speech. *The Effects of Cognitive Complexity and Affective Orientations to Task Upon the Informational Value of Communication.*

Joel Samaha, B.A., Northwestern University, 1958; J.D., 1961; M.A.T., 1963. History. *Crime in Elizabethan Essex.*

Michael George Samuchin, B.Arch., University of Illinois, 1969; M.S., Northwestern University, 1971. Civil Engineering. *Transmission of Concentrated Forces into Prismatic Shells.*

Antonio Santos Moreno, Eq. of B.S., Institute of Engineering (Spain), 1968; M.S., Northwestern University, 1970. Civil Engineering. *Application of Summary Representation to Certain Fluid Flow Problems.*

Marianne K. Sares, B.A., Northwestern University, 1950; M.A., National College of Education, 1960. Education. *The Development, Implementation, and Evaluation of Six Experimental Programs in Automated Reading Instruction.*

Audrey C. Savage, B.S., University of Minnesota, 1953; M.A., DePaul University, 1966. Speech. *A Study of the Effects of a Self-Study Program on Some Self-Other Components of the Therapeutic Relationship With Speech Clinicians in Training.*

Joel Edward Siegel, B.A., Cornell University, 1962; M.A., Northwestern University, 1963. English. *Val Lewton.*

Lee Will Simon, B.A., Northwestern University, 1962; M.S., 1964. Astronomy. *Spectroscopic Observations of Some Southern Red Variables.*

Louis William Smith, Jr., B.A., Carthage College, 1967; M.S., Northwestern University, 1970. Computer Science. *Representation Theory for Stochastic Sequential Machines.*

Martin Bradford Snyder, B.S., Massachusetts Institute of Technology, 1964. Nuclear Engineering. *Optimal Control Rod Programming in Boiling Water Reactors.*

Curtis Allen Spilburg, B.S., Carnegie Institute of Technology, 1967. Chemistry. *The Nature of Prosthetic Group-Apoprotein Interaction in Cobalto-Hemoglobin and Cobalto-Myoglobin.*

Frank Milton Stark, B.A., University of Toronto, 1966; M.A., Northwestern University, 1968. Political Science. *Federalism as a Symbol of Political Integration in the Elite Political Culture of Cameroon.*

Barry Martin Staw, B.S., University of Oregon, 1967; M.B.A., University of Michigan, 1968. Management. *The Attitudinal and Behavioral Consequences of Changing a Major Organizational Inducement: A Natural Field of Experiment.*

Dorothy Elaine Stedman, A.B., Mt. Holyoke College, 1968. Chemistry. *I. The Transmission of Long-Range Coupling Through Three-membered Rings. II. Inductive Enhancement of Phenyl Participation. III. Reactions of Cyclopropyl Compounds with Transition Metals.*

Gerald Michael Stein, B.A., University of Illinois, 1968; M.A., Northwestern University, 1970. Psychology. *The Effects of Fortuitous Outcomes on Children's Assignment of Responsibility and Attractiveness to Another.*

Donald N. Steinnes, B.A., St. Olaf College, 1966; M.A., Northwestern University, 1968. Economics. *Econometric Model of Residential Location: A Simultaneous Approach.*

Malcolm Eugene Stern, B.S., Indiana University, 1961; M.A.T., 1964. Education. *The English Department Chairman: A Job Description.*

Edwin Murdoch Stirling, B.A., The University of the South, 1962; M.A., Northwestern University, 1963. English. *Browning and the Rossetti Circle: The Rise and Fall of a Relationship.*

Robert B. Stone, B.A., Morehouse College, 1961. Education. *The Process of Teacher Certification: A Theory in Search of a Model.*

Charles S. Suchar, A.B., DePaul University, 1967; M.S., Northwestern University, 1968. Sociology. *Social Organization of Child Therapy.*

Ibrahim Sundiata, B.A., Ohio Wesleyan University, 1966. History. *The Fernandinos: Labor and Community in Santa Isabel De Fernando Poo, 1827-1931.*

Richard Brian Sypher, B.A., Northwestern University, 1961; M.A., 1962. English. *Coleridge at Christ's Hospital—The Progress of Genius.*

Harriet Vyvyan Taylor, B.S., Ursinus College, 1967. Chemistry. *An Electron Spin Resonance Study of the Phosphorescent States of Some 4-and 4,4' Substituted Biphenyls.*

Beverly Anne Bedsole Tinsley, B.A., Baylor University, 1962; M.A., 1964. English. *John Henry Newman and the* BRITISH CRITIC.

Martin David Topper, B.A., University of Illinois, 1968; M.A., Northwestern University, 1969. Anthropology. *The Daily Life of a Traditional Navajo Household: An Ethnographic Study in Human Daily Activities.*

Allen Sharp Toronto, B.A., University of Utah, 1969; M.A., 1970. Speech. *A Developmental Spanish Language Analysis Procedure for Spanish Speaking Children.*

James Lester Tungate, B.S., Illinois Wesleyan University, 1969; M.A., Northwestern University, 1970, Speech. *Romantic Images in Popular Songs, 1950-1959.*

Seppo Kalervo Tuomi, B.A., University of Turku (Finland), 1966; M.A., 1967. Speech. *Voice Onset Time and Intraoral Air Pressure Characteristics of Prevocalic Voiced and Voiceless Bilabial Stop Consonants Produced by Seven-to-Nine Year Old Cleft Palate and Normal Children.*

Adolphus Acquah Robertson Turkson, B.M., Liszt Ferenc Zeneakademia (Budapest), 1967; M.M., Northwestern University, 1970. Music. *Effutu Asafo Music: A Study of a Traditional Music Style of Ghana with Special Reference to the Role of Tone Language in Choral Music Involving Structural and Harmonic Analysis.*

Harry S. White, B.A., University of Illinois, 1965; M.A., University of Sussex (England), 1966. English. *The Opposition of Power and Will in Shelley's Thought.*

Elaine Peters Whitmore, B.A., Northwestern University, 1958; M.A., 1970. Biological Sciences. *Insect Hemolymph Proteins and Their Roles in the Transport and Metabolism of Juvenile Hormone.*

Carolyn Jean Valone, B.A., Michigan State University, 1962. Art. *Giovanni Antonio Dosio and his Patrons.*

Philip Lee Vandrey, B.A., Northwestern University, 1964; M.A., 1965. Spanish. *A Stylistic Approach to the Authorship Problem of the* CANTIGAS DE SANTA MARIA *of Alfonso el Sabio.*

Karen Sue Vroegh, B.A., Hollins College, 1958; M.A., Northwestern University, 1960. Education. *The Relationship of Sex of Teacher and Father Presence—Absence to Academic Achievement.*

Toshio Yamauchi, B.A., Northwestern University, 1966. Biological Sciences. *Studies of Glucose-6-phosphate Dehydrogenase in Brook, Lake, and Splake Trout.*

Earl Cross Young, Ph.B., University of Chicago, 1949; M.B.A., 1952; M.S., Northwestern University, 1966. Industrial Engineering. *An Analysis of Factors Influencing the Decision to Adopt Changes in Production Technology in Selected Chemical Firms in Mexico and Colombia.*

Marsha Ann Zlatin, B.A., University of Maryland, 1964; Columbia University, 1965. Speech. *Development of the Voicing Contrast: A Psychoacoustic Study of Voice Onset Time.*

Charles Noye Zucker, B.S., University of Wisconsin, 1966. History. *The Free Negro Question: Race Relations in Anti-Bellum Illinois, 1801-1860.*

MASTER OF ARTS

Gary Weldon Aday, B.A., Harding College, 1961. Speech.
Nancy Lucille Aeschbach, B.A., University of Colorado, 1971. Speech.
Nancy Elizabeth Agarwal, B.A., Roosevelt University, 1968. Art.
Bjarnie Ray Anderson, B.S., Northwestern University, 1969. Speech.
Jeri Ban, B.A., Washington University, 1970. Education.
Theodore Michaelson Becker, B.A., Washington University, 1970. Sociology.
Suzanne G. Behr, B.A., Northwestern University, 1955. Education.
Judith Sawicki Bentley, B.A., Michigan State University, 1969. English.
Gloria Gay Berardi, B.S., Northwestern University, 1969. English.
Judy Robin Berman, B.A., Queens College, 1971. Speech.
Virginia A. Berman, B.A., Pennsylvania State University, 1969. Psychology.
Lori Sewall Bevan, B.A., Stanford University, 1970. English.
Thomas Dustin Blakely, B.A., Harvard College, 1971. Anthropology.
Joan Louise Blank, B.A., City College of New York, 1971. Spanish.
Mary Christine Bockelmann, B.A., Mundelein College, 1971. English.
Clinton A. Bramkamp, B.S., Northwestern University, 1971. Speech.
John Alexander Burns, B.A., Carleton University, 1969. Education.
Martha S. Burns, B.S., Northwestern University, 1967. Speech.
Pol H. Busquin, Eq. of B.A., University of Lyons (France), 1966. Economics.
Jerianne M. Cahill, B.A., Carnegie-Mellon University, 1971. Economics.
James A. Callister, B.A., Northwestern University, 1966. English.
Christian Larsen Campbell, B.A., Northwestern University, 1972. Economics.
John Robert Carlson, B.A., Northwestern University, 1971. Mathematics.
Joel Gerhard Clemmer III, B.A., Lehigh University, 1970. History.
Kathleen Mavourneen Conway, B.A., Mundelein College, 1965. Speech.
Fernita L. Cook, Ph.B., Northwestern University, 1969. English.
Corinne J. Corso, B.S., Fitchburg State College, 1971. Speech.
Patricia I. Meter Covalt, B.S., Chadron State College, 1966. Religion.
Holly Kathlyn Craig, B.A., Carleton University(Canada), 1970. Speech.

Michael James Crosswell, B.A., University of North Carolina, 1968. Economics.
Richard Culver, B.A., Salisbury State College, 1970. Speech.
May Khadem Czerniejewski, B.A., Northwestern University, 1971. Speech.
Larry Eugene Dalzell, B.A., North Dakota State University, 1971. Speech.
Jurate Joana Dargis, B.A., Northwestern University, 1971. Education.
Milda Maria Dargis, B.A., Northwestern University, 1971. Education.
Christine Linnea Davis, B.A., University of Denver, 1960. Education.
Monica M. Delaney, B.A., College of St. Francis, 1971. Speech.
Cynthia Dellard, B.S., Drake University, 1971. Education.
Stanley Wayne Divorski, B.A., University of British Columbia, 1969. Psychology.
Kenneth Nelson Enright, B.A., Taylor University, 1968. History.
Nancy N. Enright, B.S., Bowling Green State University, 1969. English.
Linda Jeanne Evans, A.B., Miami University, 1969. History.
Nicholas J. Faklis, B.A., University of Illinois, 1971. History.
John Robert Farella, B.A., Stanford University, 1969. Anthropology.
H. Robert Fielitz, B.S., George Williams College, 1971. Education.
Jay John Fox, B.S., Illinois Institute of Technology, 1968. English.
Joyce Tobe Gasperow, B.S., Northwestern University, 1971. Speech.
Katherine Ingle Gerber, B.A., Northwestern University, 1971. English.
Arefaine Ghebreyohannes, B.A., Haile Selassie University, 1970. Economics.
Merle Beth Giblichman, B.S., University of Illinois, 1971. Speech.
Anne Plummer Ginsburg, B.A., University of Michigan, 1969. Speech.
Stefan Cornelius Goodwin, B.A., Tennessee State University, 1960; M.A., New York University, 1964. Anthropology.
James R. Gordon, B.A., Indiana University, 1968. Speech.
Allen Howard Gorin, B.A., University of Rhode Island, 1972. Speech.
Robert Harlan Greenberg, B.A., Northern Illinois State College, 1968. Speech.
Geneviève A. Halfen, B.A., Lake Forest College, 1971. French.
Robert Alan Hammer, B.A., Yeshiva University, 1953; M.H.L., Jewish Theological Seminary, 1958; D.H.L., 1969. Speech.
Eleanor Sherry Hanauer, B.S., University of Wisconsin, 1966. Education.
Gloria K. Hannas, B.A., Indiana University, 1949. French.
Jean Marie Harrass, B.A., University of Wisconsin, 1971. Speech.
Jeanne Harris, B.A., University of Wisconsin, 1964. Speech.
Mim Harris, B.A., Washington University, 1970. Anthropology.
Stuart M. Harris, B.A., Stanford University, 1969. French.
Robert Andrew Hartmann, B.A., Lewis College, 1969. English.
Linda Ruth Healy, A.B., Sienna Heights College, 1967. Speech.
Prudence Ann Herber, B.S., Eastern Illinois University, 1971. Speech.
Douglas Michael Hicks, B.A., The College of Wooster, 1971. Speech.
Pamela Ann Higginbotham, B.S., Northwestern University, 1971. Speech.
Kirby Ross Hindin, B.A., University of Chicago, 1971. Linguistics.
Helen Elizabeth Hokanson, B.S., Northwestern University, 1966. Speech.
Jerome B. Homer, B.A., Northwestern University, 1971. History.
Carl D. Hyman, B.Ed., University of Toledo, 1969. Speech.
Philip Raymond Jaeger, B.A., Carthage College, 1970. Speech.
Michael Dennis Janopoulos, B.S., Northwestern University, 1972. Education.
Jar Mustapha Haji Mohamed, B.A., University of Malaysia, 1969. Anthropology.
Leon N. Jarech, B.S., University of Wisconsin, 1971. Education.
Robert R. Jensen, B.S., Illinois Institute of Technology, 1971. Mathematics.
Rodney John Johnson, B.A., Rutgers College, 1964. Slavic.
Richard A. Kallan, B.A., San Fernando Valley State College, 1970. Speech.
Lynn Cheri Kaplan, B.A., Northwestern University, 1971. Education.
Karol R. Kayser, B.A., University of Guam, 1969. Speech.
Jaleh Joubine Khadem, B.A., University of Illinois, 1971. Art.
Nancy Ruth Klastorin, B.A., Northwestern University, 1971. Education.
Barry M. Klor, B.S., Northwestern University, 1971. Speech.
Kathleen Koziol B.A., Mundelein College, 1966. Speech.
Wolfgang Michael Kunert, B.A., Loyola University, 1971. German.
Ronald Leopold Lah, B.Ed., Illinois State College, 1965. Anthropology.
Susan Carol Larsen, B.A., Northwestern University, 1968. Art.
Scott Matthew Lash, B.S., University of Michigan, 1967. Sociology.

Patrick John Lawler, B.A., Wesleyan University, 1970. Economics.
Victor Harrison Lesley, B.S., Fisk University, 1969. Education.
Loester Mae Lewis, B.S., Northwestern University, 1971. Education.
Linda Ryan Lynch, B.A., College of New Rochelle, 1971. Spanish.
Lance Verlyn Mack, B.A., California State College, 1971. German.
Daniel J. Magurshak, B.A., Duquesne College, 1970. Philosophy.
Martha Alford Marks, B.A., Centennary College, 1968. Spanish.
Beverly Jo Matson, B.S., Northwestern University, 1956. Speech.
Jeffrey Ira Millstone, B.A., University of Delaware, 1968. Political Science.
George Terrell Mitchell, B.A., Rust College, 1967. Political Science.
Sibylle Mittelsdorf, B.A., Northwestern University, 1971. Linguistics.
Robert W. Moats, B.A., Northwestern University, 1971. Education.
Merle Citrin Monroe, B.A., University of Illinois, 1969. Education.
Jimmie L. Morel, B.A., Florida State University, 1963. English.
Pamela Dianne Muirhead, B.A., Illinois Wesleyan University, 1968. English.
Linda Herman Mullenbach, B.S., Northwestern University, 1971. Speech.
Julie Musto, B.A., Mundelein College, 1970. Spanish.
Joyce H. Newman, B.S., University of Minnesota, 1972. Speech.
Richard Lee Niedringhaus, B.S., University of Cincinnati, 1971. Speech.
Susan Margaret Noll, B.S., SUNY at Geneseo, 1969. Speech.
Edith Toole Oberley, B.A., Northwestern University, 1968. English.
Stuart Ramsey Oppenheim, B.A., University of California, 1969. Philosophy.
Pat Frederick O'Rourke, B.A., Alabama College, 1968. Speech.
Mary Adrianne Orr, B.A., DePauw University, 1971. Education.
Catherine Ann Osborne, B.S., Northwestern University, 1970. Speech.
Miriam C. Pastrick, B.A., Mercyhurst College, 1968. Speech.
Joan T. Peart, B.A., State University of Iowa, 1952. Speech.
Erick James Peterson, B.A., Northwestern University, 1971. Political Science.
Christian Pinson, Eq. of B.A., Ecole des Hautes Etudes Commerciales (France), 1967. Sociology.
Stuart Phillip Pivnick, B.A., University of California, 1971. Education.
Peter Raymond Pobat, B.A., University of Hartford, 1971. Speech.
Miriam R. Pockross, B.A., University of Illinois, 1965. Speech.
Wayne Paul Pomerleau, B.A., Georgetown University, 1968. Philosophy.
Joan Frances Potter, B.S., Northwestern University, 1947. Speech.
Esther Press, Eq. of B.A., Northwestern University, 1971. French.
Daniel Jensen Prosser, B.A., University of Redlands, 1969. History.
Frumet Raskin, B.A., Queens College, 1971. Speech.
David LeRoy Ratusnik, B.S., Northwestern University, 1971. Speech.
Lillian E. Reed, B.S., Western Illinois University, 1969. Speech.
Peggy Rose Reuler, B.S., University of Illinois, 1971. Speech.
Forrest D. Rice, Jr., B.A., Otterbein College, 1969. History.
Elizabeth Robertson, B.A., College of Wooster, 1970. English.
Lorraine C. Rohner, B.A., Western Washington State College, 1970. Speech.
Roselynn Gordon Roseman, B.S., Bradley University, 1968. Education.
Norman L. Rosenstein, B.S., Fairleigh Dickinson University, 1968. Economics.
Katherine Lynn Ross, B.S., Mississippi State College for Women, 1969. Speech.
Roberta Jean Rowlands, B.A., Augustana College, 1968. Sociology.
Betty R. Schmitz, B.S., DePaul University, 1963. Education.
James W. Schmotter, B.A., Muskingum College, 1969. History.
Anne Margaret Schoeneberger, B.S., University of Minnesota, 1971. Speech.
Diane C. Segal, B.S., University of Illinois, 1971. Education.
Patricia J. Seifer, B.S., Northwestern University, 1971. Speech.
Dennis Roger Seifert, B.S., Northwestern University, 1967. History.
Paula Jane Selby, B.A., DePauw University, 1970. Education.
Maryann Scully Shaunnessey, B.A., University of Illinois, 1969. English.
Nirmala Menon Shivaram, B.A., University of Bombay (India), 1967; M.A., 1969. Speech.
Lisa Roseman Shusterman, B.A., Duke University, 1970. Psychology.
Deanna I. Silberman, B.A., Northeastern Illinois State College, 1971. English.
Brian Donnelly Smith, B.A., Davidson College, 1971. German.
Diane Margaret Smith, B.A., Ball State University, 1969. Speech.

Sarah Turkington Smith, B.S., Auburn University, 1970. Speech.
Andrew Dale Soulek, B.A., University of the Pacific, 1970. Speech.
Glenn Takata, B.A., Antioch College, 1970. Psychology.
Shirley Taub, B.A., University of Illinois, 1969. Spanish.
Elisabet Tenenholtz, Eq. of B.A., University of Stockholm, 1968. Speech.
Wendy George Tibbetts, B.S., Boston University, 1963. Education.
Carol Sue Totten, B.A., University of Redlands, 1971. Speech.
Al Velarde, B.A., California State College, 1971. Sociology.
Inés Maria Vilella, B.A., Northeastern Illinois State University, 1970. Speech.
Barbara Hanson Vlack, B.A., Augustana College, 1969. Speech.
Robert Wayne Walker, B.S., Northwestern University, 1971. Education.
Donald B. Weaver, B.A., The College of Wooster, 1970. Psychology.
Mary Jane Harmon Weaver, B.S., Northwestern University, 1969. Speech.
Lorraine Weis, B.Ed., National College of Education, 1955. Speech.
Geou-Meei Wen, B.S., Taiwan University, 1966. Economics.
Kyle Barnett White, B.S., Cornell University, 1966; J.D., University of Denver, 1969. Sociology.
Patricia Ann Wilden, B.A., University of Redlands, 1971. Speech.
Carolyn Ruth Armstrong Williams, B.S., Tennessee State University, 1966. History.
Jean Wojdula, B.S., University of Illinois, 1970. Education
Bryan Jay Yolles, B.A., University of Michigan, 1971. History.
Charles Noye Zucker, B.S., University of Wisconsin, 1966. History.

MASTER OF ARTS IN TEACHING

John Ward Amberg, B.A., Georgetown University, 1971. Education.
Rosemary C. Anderson, B.A., St. Mary's College, 1970. Education.
Ann Elizabeth Ballance, B.A., University of Michigan, 1971. Education.
Blair Ann Beacom, B.A., Luther College, 1971. Education.
Debra Jean Avant Bell, B.S., Northwestern University, 1971. Education.
John Robert Bennett, B.A., Stanford University, 1971. Education.
Rhonda Ellen Berow, B.A., University of Wisconsin, 1971. Education.
Warren B. Bjork, Jr., B.A., Northwestern University, 1971. Education.
Sharon Weber Blecher, B.S., Cornell University, 1971. Education.
Rose LaVerne Bradley, B.A., Hampton Institute, 1971. Education.
Marty Campbell, B.S., University of Chicago, 1968. Education.
Cynthia Lee Cannell, B.A., Doane College, 1971. Education.
Judith Yvette Cross, B.A., Earlham College, 1971. Education.
Peg Dillon, B.A., LeMoyne College, 1971. Education
Susan English Dimuzio, B.A., University of Michigan, 1971. Education.
Thomas C. Egan, B.A., Catholic University of America, 1971. Education
Nancy L. Fisch, B.A., North Park College, 1971. Education.
Janet M. Gallant, B.A., University of Rochester, 1970. Education.
Linda L. Gartz, B.A., Northwestern University, 1970. Education.
Doug GeBraad, B.S.J., Northwestern University, 1970. Education.
Andrea Gogins, B.A., Northwestern University, 1971. Education.
Ellen Rosenberg Goldfein, B.A., Douglass College, 1971. Education.
Ruta Terese Graudusius, B.A., Douglass College, 1966. Education.
Carolyn A. Grove, B.A., DePauw University, 1970. Education.
Robert A. Gundlach, B.A., University of Wisconsin, 1970. Education.
Susan Strocchia Hall, B.A., Northwestern University, 1971. Education.
Peter Lane Hamilton, B.A., University of Missouri, 1971. Education.
Linda Hays, B.A., Wells College, 1971. Education.
Theresa Kowanski Hicks, B.A., City College of New York, 1970. Education.
Arthur M. Holtzman, B.A., Northwestern University, 1971. Education.
May Howard, B.A., Wheeling College, 1971. Education.
Wendy E. Kestner, B.F.A., Carnegie-Mellon University, 1971. Education.
Betsey Wood King, B.A., University of Tennessee, 1970. Education.
Stephanie Julia Kirk, B.A., Northwestern University, 1969. Education.
Stephanie Gail Klareich, B.A., SUNY at Binghamton, 1971. Education.
Daniel McFarland LaCosse, B.A., Rollins College, 1970. Education.

Ellen M. Lietzke, B.S., Adrian College, 1971. Education.
Mary D. Mathias, B.A., Oberlin College, 1968. Education.
Trudy U. Meltzer, B.A., Michigan State University, 1970. Education.
Elsie Frances Myers, B.A., Carleton College, 1971. Education.
Murry R. Nelson, A.B., Grinnell College, 1969. Education.
Faith Pamela Otis, B.A., University of Illinois, 1970. Education.
Deborah Susan Pardini, B.A., Northwestern University, 1971. Education.
Cynthia C. Parham, B.A., Bennett College, 1970. Education.
David L. Rachlin, B.A., Roosevelt University, 1970. Education.
Margaret Ann Rediger, B.S., Mundelein College, 1969. Education.
Elizabeth Jane Rose, B.A., Ohio University, 1969. Education.
Virginia Hodges Rumely, B.A., DePauw University, 1971. Education.
Nathaniel Maxwell Saunders, B.A., Cornell College, 1971. Education.
JoAnne B. Schock, B.A., University of Minnesota, 1969. Education.
Robert J. Shea, B.S., University of Notre Dame, 1971. Education.
Robert M. Sheaffer, B.A., Northwestern University, 1971. Education.
John V. Spears III, B.A., The Johns Hopkins University, 1971. Education.
Darcy Ruth Stout, B.A., Lindenwood College, 1971. Education.
Geraldine Ann Sustik, B.S., Mundelein College, 1969. Education.
Nancy Ann Sword, B.A., Hood College, 1971. Education.
Freeman Robert Thompson, B.S., Old Dominion University, 1970. Education.
Mark R. Thompson, B.A., Northwestern University, 1971. Education.
Nancy Ann Veith, B.A., Gettysburg College, 1971. Education.
Victoria von Ammon, B.A., Sarah Lawrence College, 1968. Education.
Jennifer Louise Wagner, B.A., Oberlin College, 1970. Education.
Joyce Waldman, B.A., SUNY at Buffalo, 1971. Education.
Mark A. Weisberg, B.A., George Williams College, 1970. Education.
Barbara A. Wells, B.A., Elmira College, 1969. Education.
Alvin L. Williams, B.S., Southern University, 1970. Education.
Margaret Berchie Woods, B.S., Emory University, 1970. Education.
Roger Walter Zawacki, B.A., Northwestern University, 1971. Education.

MASTER OF FINE ARTS

Salvador F. Bernal, B.S., Ateneo de Manila University (Philippines), 1966. Speech.
Ghita Jaffe Hardimon, B.F.A., Chicago Art Institute, 1959. Art.

MASTER OF SCIENCE

Gulzarilal Radhakishan Agrawal, B.Tech., Indian Institute of Technology, 1969; eq. of M.B.A., 1971. Management.
David C. Anacker, B.S., Montana State University, 1971. Materials Science.
Yoshio Aoki, B.S., Waseda University (Tokyo), 1970. Materials Science.
Paul Prabhakar Appasamy, B.Tech., Indian Institute of Technology, 1970. Chemical Engineering.
Ephrem Asebe, B.S., Drexel Institute of Technology, 1970. Transportation.
Odd Bardal, Eq. of B.S., Technological University of Norway, 1962. Civil Engineering.
Mark Richard Bare, D.D.S., University of Illinois, 1967. Dentistry.
Gary Bernhard Bartholomaus, A.B., Dartmouth College, 1961. Transportation.
Patricia Ann Borkowski, B.S., University of Pittsburgh, 1970. Chemistry.
Paul T. Borowski, B.S., Rensselaer Polytechnic Institute, 1963. Biochemistry.
Christian G. Brand, B.Sc., University of Pretoria (South Africa), 1962; B.Sc., 1966. Civil Engineering.
Dennis Leigh Bricker, B.S., University of Illinois, 1965; M.S., 1966. Industrial Engineering.
Charles T. Buse, B.S., University of California, 1971. Chemistry.
Joseph A. Caprini, B.S., Villanova University, 1961; M.D., Hahnemann Medical College, 1965. Surgery.

Ruben Caputo de la Rosa, B.A., University of the Andes, 1970. Industrial Engineering.

Paul Thomas Castelein, D.D.S., Loyola University, 1966. Dentistry.

Choe Whee Ghee, B.S., Korea Institute of Science and Technology, 1965. Nuclear Engineering.

Michael J. Cipolla, B.A., College of the Holy Cross, 1971. Biological Sciences.

Ariel Damenstein, B.S., University of Illinois, 1971. Biomedical Engineering.

Robert William Ellwein, B.S., Northwestern University, 1971. Chemical Engineering.

Kenneth W. Gabrys, B.S., Northern Illinois University, 1965. Computer Science.

H. Richard Gurinsky, B.A., Swarthmore College, 1967. Materials Science.

Clifton C. Hickman, B.S., Duke University, 1970. Biomedical Engineering.

Richard Bowers Hyman, B.A., B.S., University of Pennsylvania, 1961. Civil Engineering.

Thomas Michael Jaskunas, B.S., Northwestern University, 1971. Nuclear Engineering.

Charles William Jernigan, B.S., Florida State University, 1968. Electrical Engineering.

Richard Steven Juster, B.S., Cornell University, 1971. Industrial Engineering.

Charles Hamilton Kappauf, B.S., Northwestern University, 1971. Industrial Engineering.

Robert J. Kudder, B.E., The Cooper Union, 1967. Civil Engineering.

Richard Adam Lalka, B.S., SUNY at Buffalo, 1971. Civil Engineering.

Ronald Frank Lalka, B.S., SUNY at Buffalo, 1971. Civil Engineering.

Mercedes B. Leal, Eq. of B.S., University of Central Venezuela, 1967. Chemistry.

Jacques Ledent, Eq. of B.A., Ecole Nationale des Ponts et Chaussees, 1969. Civil Engineering.

Eric Yeh-Ming Lin, B.S., Cheng-Kung University, 1968. Electrical Engineering.

Hoom-bin Lo, B.S., National Taiwan University, 1968. Geological Sciences.

Martin Philip Loeb, B.S., SUNY at Stony Brook, 1970. Management.

Wesley Alexander Magat, A.B., Brown University, 1970. Management.

Charles Jacob Mages, B.S., DePaul University, 1971. Computer Science.

John Ward McAnany, Jr., B.S., University of Missouri, 1970. Computer Science.

Edward Anthony Meathe, B.S., University of Notre Dame, 1968. Biomedical Engineering.

John T. Meenan, B.A., St. Mary's College, 1970. Industrial Engineering.

Gary Meryle Mikel, B.S., University of Pennsylvania, 1971. Materials Science.

Holmes Edward Miller, B.S., Northwestern University, 1968. Industrial Engineering.

Donald Leroy Mosher, B.S., Northwestern University, 1948. Mechanical Engineering.

Robert Emil Najemnik, B.S., University of Illinois, 1971. Chemistry.

Christine Ellen Neumann, B.S., Michigan State University, 1968. Computer Science.

Eileen Marie Nottoli, B.A., University of Hartford, 1971. Chemistry.

Thomas Joseph Novak, Sr., B.S., Purdue University, 1971. Electrical Engineering.

Donald A. Peterson, B.S., Northwestern University, 1971. Biomedical Engineering.

Karl Warren Plumlee, B.A., North Central College, 1971. Chemistry.

Richard E. Raquillet, B.S., Ecole Nationale des Ponts et Chaussees, 1969. Transportation.

Amada A. San Mateo, Eq. of B.S., University of South Wales, 1965. Industrial Engineering.

Alfredo F. Saravia Trujillo, Eq. of B.S., National Engineering University (Lima), 1952; M.A., School of Business Administration (Lima), 1965. Civil Engineering.

Carol Ann Scott, B.S., University of Texas, 1970. Management.

David E. Seitz, B.S., Kansas University, 1970. Chemistry.

Sheu Bor-Chiou, B.S., Chung Cheng Institute of Technology, 1969. Nuclear Engineering.

Octaviano R. Camargo Silva, Eq. of B.S., Escole Politecnica da University (Sao Paulo) 1965. Industrial Engineering.

Jane Allen Simon, B.S., Northwestern University, 1968. Management.

Margaret Skutsch, B.Sc., Bristol University (England), 1970. Industrial Engineering.
Yvonne Sanda Sor, B.S., B.A., Mundelein College, 1970. Biomedical Engineering.
Van R. Speas, D.D.S., Northwestern University, 1969. Dentistry.
Peter A. Suter, Eq. of B.S., Northwestern University, 1970. Biochemistry.
Dong-wan Tcha, B.S., Seoul National University, 1969. Industrial Engineering.
Kenneth Wayne Turner, B.S., University of Illinois, 1968. Electrical Engineering.
Dennis Brian Ulrich, B.S., Massachusetts Institute of Technology, 1966; M.S., Yale University, 1970. Industrial Engineering.
John Alvan Voelker, B.A., University of Wisconsin, 1968. Industrial Engineering.
Joseph Alan Walder, B.S., Northwestern University, 1972. Chemistry.
Robert Patrick Watson, B.S., Washington University, 1970. Civil Engineering.
Thomas Hamilton Wenzel, B.S., Marquette University, 1970. Civil Engineering.
Richard H. Wetterauer, B.S., University of Dayton, 1970. Geological Sciences.
Daniel C. Wonak, B.E.E., University of Detroit, 1971. Electrical Engineering.
Robert Edmund Zaworski, B.S., Ohio University, 1969. Pathology.

PRIZES AND HONORS

ALL-UNIVERSITY PRIZES

THE JOHN B. KIRK PRIZES IN ORATORY: Joseph P. Folger (first); Ronald L. Marmer (second); Michael A. Barnhart (third).

MILTON FLORSHEIM PRIZES FOR DEBATE: Paul D. Clote, Erwin S. Chemerinsky, Ronald L. Marmer, Elliot M. Mincberg, Christ T. Troupis

ROBERT M. CUMNOCK DEBATE PRIZES: James A. Backstrom, Jr., Colin F. Campbell, Marc J. Strauss, James R. Troupis

FRESHMAN DEBATE AWARDS: Richard B. Horrow, Alan S. Loewinsohn, Rodney S. Merwin, Carey J. Witkov

HARDY SCHOLARS

In the Graduating Class—School of Law

Robert Hal Chandler
(3 years)

David Jude Thaddeus Goss
(3 years)

Emil Lippe, Jr
(3 years)

William Paul Wilen
(3 years)

Clarion De Witt Hardy Scholars in School—Undergraduate

Colin F. Campbell
Erwin S. Chemerinsky
Paul D. Clote
David Heller
Richard B. Horrow
Alan S. Loewinsohn
Ronald L. Marmer
Rodney S. Merwin
Elliot M. Mincberg
Marc J. Strauss

THE COLLEGE OF ARTS AND SCIENCES

DANIEL BONBRIGHT MEMORIAL SCHOLARSHIPS: John Joseph Craig, Elizabeth Ann Kaye, Sue Ann Miedema, Jeffrey John Newlin

JAMES ALTON JAMES MEMORIAL SCHOLARSHIPS: Michele Louise Odorizzi, Richard Russell Perlman, Bruce Howard Weitzman

OLIVER MARCY MEMORIAL SCHOLARSHIPS: Lawrence Dean Kanter, Michael Jay Rosenberg, Scott Paul Aarons, David Warren Burry

HEARST FOUNDATION UNDERGRADUATE SCHOLARSHIPS: Michele Louise Odorizzi, Richard Russell Perlman

PHI BETA KAPPA

Class of 1973

Carol Elise Albert
*Arthur Irvin Anderson
Eleanor Rankin Applebee
Paul Adrian Aristoff
Beth Ellen Arvey
Stephen Hughes Bell
Michael William Blaszak
Stephen Hale Block
Janice M. Bogen
Coleen Mary Brady
Robert Harry Bruhl
Barbara Cornelia Brunk
David Warren Burry
Michael Richard Clair
Jane Bennett Clark
Joseph Thomas Conklin
John Joseph Craig
Marlene Ruth Dale
Lester Warren Droller
Phillip Sam Figa
Robin Christine Findley
James F. Foerster
Laura Susan Friedland
Jeffrey Bensley Gilbert
*Patricia Erin Glynn
Linda Sue Grossman
Kathy Jane Hank
David Gene Hartman
Ann Ellen Hullihan
Patricia Ann Hutchings
*Peter Edward Jaret
Paul Karl Johnson
*Elizabeth Ann Kaye
*John Joseph Lawlor
Stephen Farrell Lieberman
*Bruce Jay Lipstein
Carolyn Orser Lucas
Anthony Manno
Laura Marie McCall
Timothy Ross Morgan
*Jeffrey John Newlin
*Margaret Jane Nightingale
Michele Louise Odorizzi
*Norman Michael Parrett
Richard Russell Perlman
Jennifer Peters
George Michael Pressley
Charles Stephen Reichardt
Nancy Carol Ostroot Rich
Catherine Mary Ruggie
Renee Marsha Schoenberg
*Charles Lawrence Selby
John Alan Silberman
Sue Miedema Smith
David John Spence
Donald Wayne Stout
Sharen Sue Swartz
Marvin Alan Tenenbaum
Diane Marie Tkach
Jonathan Vegosen
Daniel Joseph Voet
Marvin Lee Weinberg
*Bruce Howard Weitzman
Dean Takao Yamaguchi
Dean Andrew Yannias

PHI BETA KAPPA

Class of 1974

Elliott Matthew Mincberg
Jean Ellen Slater

**Elected during junior year*

ALPHA SIGMA LAMBDA

Sylvia Babbin
C. Lester Birdwell
Eve S. Heffer
Ellen Howe
Phyllis Miller
Patricia Rush
Katarina Szego
Virginia Wisniewsky

BACHELOR OF ARTS

June 17, 1972

Degree Awarded With Distinction

David Steven Tenner

August 1972

Degree Awarded With Highest Distinction

Peter Edward Jaret

DEPARTMENTAL HONORS

August 1972

ART

Lisa Lyons
William R. Olander
Susan E. Robertson

THE SCHOOL OF MEDICINE

DOCTOR OF MEDICINE

Degrees Awarded With Highest Distinction

Steven Mark Golbus
Robert Thomas Gordon

Degrees Awarded With Distinction

Clark Henry Boren, Jr.
Barbara Kay Burton
Stanley Joseph Goldberg
William Robert Green
Ralph Levitt
Susan Gwen Perlman
Chester Fredrick Schott
Raymond Taetle

ALPHA OMEGA ALPHA

Arvin Herbert Alexander
John George Boras
Clark Henry Boren, Jr.
Barbara Kay Burton
Roy Thomas Butera
Kathryn Lynn Cates
John Hane Christopherson
Daniel Gardner
Steven Mark Golbus
Stanley Joseph Goldberg
Robert Thomas Gordon
William Robert Green
Steven Folke Johnson
Ken Stephen Khuans
Ralph Levitt
Lawrence Henry Luy
Susan Gwen Perlman
Ronald John Peterson
Roger Alan Potish
Richard Randall Ricketts
Chester Fredrick Schott
Joseph Christopher Shank
Raymond Taetle

THE SCHOOL OF LAW

WIGMORE KEY: Robert Charles Boruchowitz

THE SCHOOL OF SPEECH

ZETA PHI ETA SCHOLARSHIP IN INTERPRETATION: Delia E. Hattendorf

PHI BETA SCHOLARSHIP: Janet R. Creighton and Cynthia J. Morse (tie)

JUNIOR SCHOLARSHIP: Christine M. Fallert

SOPHOMORE SCHOLARSHIP: Sheila L. Buckley

THE DRAMA CLUB OF EVANSTON SCHOLARSHIPS: Margaret P. O'Connell, Pam G. Rubin, Robert H. Smith

DELTA ZETA SCHOLARSHIP: Janie E. Lake

MERCY SIMERAL PARKHILL SCHOLARSHIP: Theresa A. Blum, Wendy H. Loeff (tie)

JOSEPH LEVIN FOUNDATION SCHOLARSHIP: Jovita Martin

ZETA PHI ETA AWARD IN CHILDREN'S THEATRE: Sigel S. Roush

LUCY MAY WIANT AWARD: Marie J. Paris

JAMES L. LARDNER MEMORIAL AWARD: Patricia J. McKenney

MARY PETERSON GILBERT AWARD: Richard B. Horrow

CHARLOTTE I. LEE AWARD: Peter H. Amster

INTERPRETATION HONORS: Jerome D. Bloom

COMMUNICATION STUDIES HONORS: Michael A. Barnhart, Robert M. Birndorf, Mona Kessler

RADIO, TELEVISION AND FILM HONORS: Service Award—Walter J. Podrazik; Writing Award: Thomas P. Day; Announcing Award: Neil A. Tesser; Production Awards: Film—Michael A. Weiskopf, Mary Ann Childers, Victoria G. Hamburg, and John R. Peaslee; Radio —Tim C. Skelly; Television—Michael E. Fayette

SPEECH EDUCATION HONORS: Laura Lee Breidenbach, Gayle A. Holley, Martha A. Karatz, Maria Nicoletti; Zeta Phi Eta Award for Outstanding Achievement: Gayle A. Holley

INTERDEPARTMENTAL STUDIES HONORS: Mary Ann Childers, David M. Drew, Allison Spitzer

SPEECH AND LANGUAGE PATHOLOGY HONORS: Sara S. Devine, Bonnie J. Diedrich, Susan R. Freedman, Therese A. Kratochvil, Peter F. Norlin (graduate); Kay E. Levy, Sherry A. Younger (undergraduate)

EDUCATION OF THE HEARING IMPAIRED HONORS: Elizabeth A. Hebert, Rena A. Sargis (graduate); Jan L. Nadel (undergraduate)

LEARNING DISABILITIES HONORS: Kenneth W. James, Maria Lynn Vasiliw (graduate)

THEATRE HONORS: For Excellence in Their Field—Richard M. Block, Holly L. Cole, Robert T. Ellsworth, Michael D. McCormick, Grace J. McKeany

THE SCHOOL OF DENTISTRY

ALPHA OMEGA SCHOLARSHIP AWARD: David Roger Neil

ALVIN H. GRUNEWALD AWARD: John E. Hutton

AMERICAN ACADEMY OF DENTAL RADIOLOGY AWARD: Larry Leon Borth

AMERICAN ACADEMY OF GOLD FOIL OPERATORS AWARD: Thomas Hartman Larson

AMERICAN ACADEMY OF ORAL MEDICINE AWARD: Gregory Dean Fryday

AMERICAN ACADEMY OF ORAL PATHOLOGY AWARD: Louis Alan Hodson, Jr.

AMERICAN ACADEMY OF PERIODONTOLOGY AWARD: Dennis Wade Calvert

AMERICAN COLLEGE OF DENTISTS AWARD (Illinois Section): David Roger Neil

AMERICAN ASSOCIATION OF ENDODONTISTS AWARD: Eugene Himeo Kunitake

AMERICAN SOCIETY OF DENTISTRY FOR CHILDREN AWARD: Norman Kent Rounds

CLIVE I. HADLOW AWARD: David Roger Neil

EUGENE W. SKINNER AWARD IN DENTAL MATERIALS: James Brian DuHamel

INTERNATIONAL COLLEGE OF DENTISTS AWARD: James Ellis Latta

LACTONA PERIODONTICS AWARD: Larry Leon Borth

MOSBY BOOK AWARDS: John Kent Boice, Thomas Robert Hobbs, Howard Yale Karfeld, Kenneth Glen Killian, Robert Leonard Tayler, Camille K. Ziegler

THE ODONTOGRAPHIC SOCIETY OF CHICAGO AWARD: John E. Hutton

OMICRON KAPPA UPSILON

James Brian DuHamel
Roger Ernest Grua
Louis Alan Hodson, Jr.
Michael Douglas Jenkins
Thomas Hartman Larson
James Ellis Latta
Earl Edwin Martin
David Roger Neil
Laurence V. Oberhill
David Eugene Weiner

SIGMA PHI ALPHA

Kristin Ripplinger
Donna Elizabeth Suckow
Wendy Sue Veitel

DENTAL HYGIENE ALUMNI AWARD: Donna Elizabeth Suckow

DEPARTMENTAL AWARD FOR OUTSTANDING CLINICAL ACHIEVEMENT IN DENTAL HYGIENE: Diana Kay Baker

MANHATTAN AWARD FOR PROFESSIONALISM: Lynn Patricia Kiessling

THE MEDILL SCHOOL OF JOURNALISM

HARRINGTON MEMORIAL AWARDS: Advertising Major: Victoria R. Sanders; Newspaper Major: Deborah S. Orin; Magazine Major: Charitey Whitfield; TV-Radio Major: John M. Quarderer

LOIS BAUER MEMORIAL AWARD: Susan L. Page

SIGMA DELTA CHI CITATION: Stuart Jay Elliott

KAPPA TAU ALPHA

Graduate

Thomas J. Beres
Thomas E. Burke
Anthony Carideo
Ava Ehrlich
Ian L. Gittlitz
Diana Harrison
James R. Helbig
David Howell, Jr.
Rose-Marie Jacobius
Mary Anne Johnson
Lloyd G. King, Jr.
Donald Lindley
Thomas P. Lydon
Deborah S. Orin
David P. Ropeik
Mark S. Sableman
Victoria Sanders
Charitey Whitfield

Undergraduate

Peter F. Bird, Jr.
Stuart J. Elliott
Martin A. Finkel
James E. Gossett
Bonnie Gross
Nancy D. Hansen
Alice M. Hartmann
Melissa A. Hollowell
Roger L. Kreidberg
Kevin M. Lamb
Sidney C. Liebenson
Susan L. Page
Philip S. Pikelny
Joe R. Robinowitz

THE TECHNOLOGICAL INSTITUTE

OVID W. ESHBACH AWARD: Thomas Peter Henry

NORTHWESTERN UNIVERSITY TECHNOLOGICAL INSTITUTE ALUMNI AWARD:
John L. DeAngelis, Jr. and Anne Veronica Schwartz

DEPARTMENTAL HONORS

CHEMICAL ENGINEERING

Thomas K. England
Michael J. Gradassi
Mose Levi
Steven Look
David M. Reiss

CIVIL ENGINEERING

Wayne K. Kittelson
Louis G. Neudorff

INDUSTRIAL ENGINEERING

Ilhan Or

MECHANICAL ENGINEERING

James Robert Butz
Albert Elhadef
Richard Mark Wilson

SCIENCE ENGINEERING

Laural L. Briggs
Thomas P. Henry
Gregory J. Langford
David E. Olsho

TAU BETA PI

Niso Abuaf
Laural Louisa Briggs
Burke Frederick Brush
Albert Elhadef
Thomas Keith England
Philip David Hattis
Thomas Peter Henry
Alfred Michael Jaeger
Dale Charles Jessen
Phillip Risley Jeuck III
Wayne Kenneth Kittelson
Zygmunt Blais Krupowicz
Hoi-Sing Kwok
William P. Lauldauf
Gregory Jay Langford
Mose Levi
Russell Wayne Neuhaus
Harvey Sheldon Newman
Ilhan Or
Carl David Peterson
William Chambers Place
Richard Edward Plotzker
Louis G. Revdorff
Anne Veronica Schwartz
John Thomas Spies
Ronald J. Tabar
Grant Fred Tiefenbruck
Ronald Max Voight
Thomas Joseph Wertz
Thomas Martin Wolpert
Susan Louise Wright

ALPHA PI MU

William P. Baldauf
Scott Z. Harlan
David A. Lewis
Keith I. Mulford
William B. Nelson
Douglas A. Smith
Gary M. Spannuth
Thomas J. Wertz

ETA KAPPA NU

Niso Abuaf
Ralph A. Barbakoff
John L. DeAngelis, Jr.
Joseph P. Fredrick
Dale C. Jessen
Emmett R. Kronauer
William M. Kushner
Rosemary R. McNally
Russell W. Neuhaus
Harvey S. Newman
William C. Place
John T. Spies
Ronald M. Voigt
Larry M. Wolfrum
Thomas M. Wolpert

PI TAU SIGMA

James R. Butz
Albert Elhadef
Robert E. Glandon
Jonathan I. Hattis
Philip D. Hattis
Philip R. Jeuck III
Carl David Peterson
Richard M. Wilson

Additional Prizes and Honors announced too late for publication in this program in the usual order of listing by schools.

THE COLLEGE OF ARTS AND SCIENCES

PHI BETA KAPPA PRIZE: Jeffrey John Newlin and Richard Russell Perlman

(Perfect academic average, four years)

BACHELOR OF ARTS

Degrees Awarded With Highest Distinction

Arthur Irvin Anderson
Coleen Mary Brady
John Joseph Craig
Janice Renee Ellenbogen
James F. Foerster
Patricia Erin Glynn
Allyn Beth Landau
Jeffrey John Newlin
Margaret Jane Nightengale
Michele Louise Odorizzi
Norman Michael Parrett
Richard Pazdur
Richard Russell Perlman
Nancy Carol Ostroot Rich
Sue Miedema Smith
David John Spence
David Steven Tenner
Bruce Howard Weitman
Ruth Ann Wienclaw

Degrees Awarded With Distinction

Paul Adrian Aristoff
Stephen Hughes Bell
Michael William Blaszek
Thomas Patrick Cantieri
Jon Stuart Castor
Jane Bennett Clark
Marlene Ruth Dale
Lester Warren Droller
Robin Christine Findley
Mark Edward Grummer
Kathy Jane Hank
Patricia Ann Hutchings
Carolyn Orser Lucas
Deborah Lee Mack
Anthony Manno
Dennis Dale Meyer
Jennifer Peters
George Michael Pressley
Renee Marsha Schoenberg
Deborah Holdstein Schwartz
Charles Lawrence Selby
Charles Stephen Reichardt
Rene Alberto Sotorrio
Marvin Alan Tenenbaum
Jonathan Vegosen
Daniel Joseph Voet
Robert Frank Wall

BACHELOR OF PHILOSOPHY

Degrees Awarded With Distinction

Kathryn Frostic
Ellen V. Howe
Coralie Norwell

BACHELOR OF SCIENCE IN GENERAL EDUCATION

Degree Awarded With Distinction

Sylvia Babbin

DEPARTMENTAL HONORS

ART
Gary Michael Blank
Nancy Alma Flood
Catherine Mary Ruggie

ART HISTORY
John Walter Chellino
Mary Frances Gerken
Kathleen Ann Roy
Elizabeth Anne Saar

ASTRONOMY
Carol Elise Albert

BIOLOGICAL SCIENCES
Scott Paul Aarons
Edith Eileen Gardner
Allyn Beth Landau
Karyl Music Norcross
Steven Richard Ruderman
David John Spence

CHEMISTRY
Paul Adrian Aristoff
Glen Eu Chung Chang
Ronald Sanders Johnson
Richard Alan Jorgensen
Katharine Anne Kappauf
Patricia Ann Lindquist
Max Richard Yaffe
Dean Takao Yamaguchi
Timothy Svoboda Yeh

ECONOMICS
Thomas Dillon Birge
Gary Edison Birginal
Robin Christine Findley
Mark Edward Grummer
David Gene Hartman
Carol Lea Leonhardt
Anthony Manno
Renee Marsha Schoenberg
Marvin Alan Tenenbaum

ENGLISH
Debra Chandler Cado
Katherine Elaine Chott
Ann Eileen Hullihan
Jeffrey Franklin Johnson
Elizabeth Ann Kaye
Benjamin Scifres Nethercot
John Michael Rogers
Mark Moshe Stavsky

GEOLOGICAL SCIENCES
Allen Hughes Cogbill

GERMAN
Coleen Mary Brady
Norman Michael Parrett

HISTORY
Peter Anthony Alaimo, Jr.
Michael William Blaszak
Mary Eleanor Cygan
Scott Edward Hansen
John Ray Johnson
Kathleen Rae Long
Michele Louise Odorizzi
Bruce David Paynter
Richard Russell Perlman
Edmund Stephen Perry
James Jay Rubens

HISTORY AND LITERATURE OF RELIGIONS
Janet Lynn Murley
Harold Edwin Snow

LINGUISTICS
Nancy Carol Rich

MATHEMATICS
David Warren Burry

PHILOSOPHY
Donald William Faulkner

POLITICAL SCIENCE
Jon Stuart Castor
Marlene Ruth Dale
Jeffrey Bensley Gilbert
Douglas William Kmiec
Michael Allen Monts
Rene Alberto Sotorrio
Sharen Sue Swartz
Lynne Ellen Troyanowski
Jonathan Vegosen
Bruce Howard Weitzman

PSYCHOLOGY
Beth Ellen Arvey
Sherrie Clarice Benjamin
Paul Martin Friedman
Deborah Lee Mack
Karen Jeanne Murrill
George Michael Pressley
Charles Stephan Reichardt
Michael Joseph Steinken

SLAVIC LANGUAGES AND LITERATURES
Vicky Orlinda Johnson
Diane Marie Tkach

SOCIOLOGY
Susan Keaby Bon
Beth Fisher
Arden Joel Geldman
Bruce Jay Lipstein
Pamela Helen Niarchos

June 1972

ART HISTORY
Lisa Lyons
William Ray Olander
Susan Elizabeth Robertson

THE SCHOOL OF LAW

JURIS DOCTOR

Magna Cum Laude

John Matthew Carroll
Zane Oliver Gresham

Cum Laude

Gregory Stewart Alexander
Robert Charles Archer
George John Barry
James Hubert Baxter III
Charles Richard Berry
Craig Troupe Boyd
Stephan Youn Brodhay
Robert Kyle Burgess
Robert Hal Chandler
Richard Alan Crane
Neil Cross
Philip Edgerton Cutler
Alan Peabody Donaldson
Ralph Sperry Eads
Nathan Philip Eimer
Arlene Erlebacher
Patrick Douglas Ertel
Andrew Scott Gordon
David Jude Thaddeus Goss
Gerald Wayne Grandey
Harvey Michael Grossman
Ray Joseph Grzebielski
Ronald Hindin
Ronald Hoenig
Stephen Paul Horvat, Jr.
Peter Mason Howard
Harley Hutchins
Fruman Jacobson
Arthur Sherman Kallow
Ronald Eugene Kennedy
Michael Ira Kurtz
John Bartlett Lashbrook
Robert Richard LeGros
Patrick John Leston
Emil Lippe, Jr.
Paul Turner Lively
Jeremy David Margolis
James Landis Martin
Keith Craig McDole
William Gordon McMaster, Jr.
James Hile McTurnan
Robin Ghezzi Munden
Deborah Jean Palmer
James Robert Paschall
Timothy Joseph Reuland
Stuart Randall Schwartz
Edward Henry Soderstrom II
Robert Noel Sodikoff
Nina Gidden Stillman
Jack Samuel Tenenbaum
Carol Rieger Thigpen
Robert Jay Uram
Barry White

ORDER OF THE COIF

Craig Troupe Boyd
Robert Kyle Burgess
John Matthew Carroll
Gerald Wayne Grandey
Zane Oliver Gresham
Harley Hutchins
Ronald Eugene Kennedy
Emil Lippe, Jr.
Keith Craig McDole
William Gordon McMaster, Jr.
James Robert Paschall
Edward Henry Soderstrom II
Nina Gidden Stillman
Jack Samuel Tenenbaum
Carol Rieger Thigpen

Further elections are to be made from the class of 1973.

THE SCHOOL OF SPEECH

Degrees Awarded With Highest Distinction

Michael Andrew Barnhart
David Marc Drew
Elizabeth Margaret Herlihy
Jan Leslie Nadel
Elaine Florence Weiss

Degrees Awarded With Distinction

James Arthur Backstrom, Jr.
William Dexter Bramhill
Robert Frank Dekas
James Alan Hiller
Kay Elizabeth Levy
Sherry Ann Younger

THE SCHOOL OF MUSIC

FREDRIK K. CHRAMER AWARDS FOR EXCELLENCE IN OPERA: Lethia M. Bryant, Carol Cannon, Larry Cooper, Judy S. Corbin, Dixie C. Fine, Bonita L. Fiori, Warren Fremling, Casey C. Hendler, Rose A. Johnson, Patricia Logsdon, Lillian McKimmy, Linda Nichols, Jerome Padorr, Darrell Parsons, Karen L. Ragle, Calvin Snyder, Ellen M. Stanley, Melanie Tomaszkiewicz, Dennis B. Wadsworth, Joseph T. Warner

WILLIAM T. FARICY AWARD FOR CREATIVE MUSIC: Robert Hanson

WADE FETZER AWARD FOR EXCELLENCE IN PERFORMANCE: Paul Ridgway

JANE HAMILTON FISK SCHOLARSHIP: Lynn Roseberry

AMELIA A. HOFF MEMORIAL AWARD: Thomas Torchedlo

ANNA SCHAUFFLER LOCKWOOD AWARD FOR EXCELLENCE IN STRING MUSIC: Mary Jeane Hildebrandt

LOUIS SUDLER AWARD FOR EXCELLENCE IN THE ART OF ORATORIO SINGING: Philip Kraus, Craig Pollock

SIGMA ALPHA IOTA DEAN'S HONOR AWARD: Mary Jeane Hildebrandt

SIGMA ALPHA IOTA HONORS CERTIFICATE: Francine Kasputis

SIGMA ALPHA IOTA SWORD OF HONOR AND LEADERSHIP AWARD: Mary Jeane Hildebrandt

SIGMA ALPHA IOTA ALUMNAE CHAPTER AWARD: Mary Jeane Hildebrandt

SIGMA ALPHA IOTA DOROTHY POUND AWARD: Louise Kenngott

PI KAPPA LAMBDA

Cecil Adams
Gary Berkenstock
Dale Bershad
Clarence Black
Bruce Breslauer
Janice Butz
Ann Buursma
Sue Carter
Beverly Chapman
Ruth Cooperrider
Judith Cronin
Charles Decker
Alan Ehnes
Rebecca Eutsler
Dixie Fine
Kathleen Foyt
Melanie Goldstein
Robert Goodell
Thomas Grabowski
Russell Haak
Robert Hanson
Steven Hepner
Janet Herwig
David Hildner
Ronald Hounsell
Sanford Kennedy
Michael Mark
Christine Marshall
Janet Kay Moser
Gayle Pantaleo
Richard Rayer
Eloise Reeves
Stewart Ross
William Rothstein
Elaine Shelton
Susan Smith
Walker Smith
Laurie Taetle
Melanie Tomaszkiewicz
Rudolph Vrbsky
Ellen Weber
Richard Webster
Patricia Weitekamp
Catherine White

Degrees Awarded With Highest Distinction

Paul Campbell Ridgway
Patricia Sue Weitekamp

Degrees Awarded With Distinction

Francine Melanie Kasputis
Lorraine Frances Smith
Norma Ann Zaher

THE GRADUATE SCHOOL OF MANAGEMENT

ERNST & ERNST AWARD: James Victor Franch
FINANCIAL EXECUTIVES INSTITUTE AWARD: Richard Kent Gould

DISTINGUISHED SCHOLARS

Day Program

*Eric Edward Anderson
*Swee Tian Ang
*Marc Louis Bertoneche
*Robert Glenn Bostrom
*Craig Troupe Boyd
*Thomas Lowe Duncan
*Eugene Stanley Erdahl
*Carl Eric Forsberg
*James Victor Franch
Arthur Allen Freedman
*Richard Kent Gould
*Lee Martin Hague
*Mark Leland Hildebrand
*Jonas Ichen
*Leslie Leimbach Langan
*Alain Lebec
*Charles Anthony Marien III
*John Frederic Rice
*James Michael Schroeder
*Thomas Hale Shinkle, Jr.
*Robert Stanley Smolen
*Jeffrey Allen Staple
*Kenneth Stuart Starkey
*William Lee Sturtz
*Raymond Tom
*David William Wood
*Peter D. Ziegler

Evening Program

*Norman Earl Bartelt
Jean Mary Davis
*Jeffrey Austin Finlay
*Leonhard August Goeller
*Robert Coy Griffin
William Collier Hamer
*George William Keeley
*Frederick John Saathoff
*Sherry Laeanne Smith
Robert John Vokurka
*Richard Lawrence Wood

**Graduated with distinction*

THE MEDILL SCHOOL OF JOURNALISM

MASTER OF SCIENCE IN JOURNALISM

Degrees Awarded With Highest Distinction

Deborah S. Orin
Ann B. Schierhorn

Degrees Awarded With Distinction

Thomas E. Burke
James R. Helbig
John M. Quarderer
Victoria Sanders

BACHELOR OF SCIENCE IN JOURNALISM

Degrees Awarded With Highest Distinction

Peter Fairchild Bird, Jr.
Stuart Jay Elliott

Degrees Awarded With Distinction

James Franklin Gossett
Alice Marie Hartmann
Sidney Charles Liebenson
Philip Sherwin Pikelny
Joe Reece Robinowitz

THE TECHNOLOGICAL INSTITUTE

Degrees Awarded With Highest Distinction

Hoi-Sing Kwok
Gregory Jay Langford
Russell Wayne Neuhaus
Thomas M. Wolpert

Degrees Awarded With Distinction

Laural Louisa Briggs
Burke Frederick Brush
Norman Bruce Coates
Ray Edward Drasga, Jr.
William P. Gibbons, Jr.
Philip R. Jeuck III
Ilhan Or
Richard Edward Plotzker
John Slater
John T. Spies
Gary C. Streicher
Ronald J. Tabar
Grant Tiefenbruck
Ronald M. Voigt
Susan L. Wright

COMMENCEMENT CHAIRMEN

UNIVERSITY CHAIRMAN ..... JOE W. MILLER

BACCALAUREATE CHAIRMAN ..... CHAPLAIN RALPH G. DUNLOP

CHIEF MARSHAL ..... JACK PERNECKY

Baccalaureate Marshal ..... JAMES E. MOORE

Chairman of Marshals for the Faculty at Commencement .... ROBERT BREEN

Chairman of Marshals for Students at Commencement ..... GERALD L. SMITH

Marshal for Recipients of Honorary Degrees ..... PETER P. JACOBI

AUDITORIUM MARSHAL AT COMMENCEMENT ..... WALDO FISHER

Lobby Marshals at Commencement ... ANN ROBINSON, WILLIAM TEMPELMEYER

Chairman of Door Marshals at Commencement ..... CHARLES L. LONGWELL

Assistant Chairmen of Door Marshals ..... SIDNEY RICHARDSON, HARRY TAYLOR, JACK MC DOWELL

Chairman of Aisle Marshals at Commencement ..... WILLIAM E. DIETRICH

Assistant Chairman of Aisle Marshals ..... EDWARD O. ANDERSEN

Chairman of Ushers at Commencement ..... ROBERT B. HATTER

Assistant Chairman of Ushers ..... WILLIS NORDHEM

Chairman of Program Distributors ..... EDWARD J. DUBLIN

Assistant Chairman of Program Distributors .... CHARLES L. DOUGHERTY

Chairman of Checkrooms ..... JAMES J. PROGAR

DIPLOMA CHAIRMAN ..... RICHARD H. COLE

CHANCELLOR'S RECEPTION AND LUNCHEON ..... GERALDINE BEISANG, BRUNO ADAMS, BERNICE BARTH

MUSIC ..... JOHN P. PAYNTER

EMERGENCY MEDICAL SERVICE ..... DR. LEONA B. YEAGER

PUBLIC SAFETY, PARKING AND TRAFFIC ..... WAYNE LITTRELL

PUBLICITY ..... JACK O'DOWD

STAFF ASSISTANTS ..... ELIZABETH REED, HAROLDINE HELLMAN

ARRANGEMENTS ..... CHARLES L. OLSON, WALDO FISHER, ROLAND OLSON, J. C. SANDERSON

THE CAP AND GOWN

The cap and gown are worn by each participant in the Commencement exercises. The cap is worn throughout the ceremonies, except that men remove their academic caps for the National Anthem, the Invocation, and the Benediction. The tassel colors, which indicate the different Schools and departments, are as follows:

Graduate	*Black*	Graduate School of Management	*Acorn*
Arts and Sciences	*White*	Speech	*Silver Gray*
Medicine	*Green*	Education	*Light Blue*
Law	*Purple*	Journalism	*Crimson*
Dentistry	*Lilac*	Technological Institute	*Orange*
Music	*Pink*	Traffic Institute	*Acorn and White*